

APPENDIX A

COUNTY CODES

APPENDIX A COUNTY CODES

The following are the valid county codes for coding county of residence at diagnosis:

Reference: FIPS Publication Number 6-4: *Counties and Equivalent Entities of the United States, Its Possessions and Associated Areas*. Re-issued December 21, 1992. Complete listing for all areas available on the Internet at WWW.ITL.NIST.GOV.

SEER Areas (in alphabetical order)

County
Code County

Atlanta (Metropolitan)

063 Clayton
067 Cobb
089 De Kalb
121 Fulton
135 Gwinnett

Arizona

001 Apache
003 Cochise
005 Coconino
007 Gila
009 Graham
011 Greenlee
012* La Paz
013 Maricopa
015 Mohave
017 Navajo
019 Pima
021 Pinal
023 Santa Cruz
025 Yavapai
027* Yuma

**La Paz was split from Yuma effective January 1, 1983. Cases diagnosed 1973-82 were reviewed and recoded as needed to La Paz County. However, for analysis purposes, SEER combines the data for La Paz with Yuma, for all years.*

Connecticut

001 Fairfield
003 Hartford
005 Litchfield
007 Middlesex
009 New Haven
011 New London
013 Tolland
015 Windham

SEER Areas (in alphabetical order)

County
Code County

Detroit (Metropolitan)

099 Macomb
125 Oakland
163 Wayne

Georgia (Rural)

125 Glascock
133 Greene
141 Hancock
159 Jasper
163 Jefferson
211 Morgan
237 Putnam
265 Taliaferro
301 Warren
303 Washington

Hawaii

001 Hawaii
003 Honolulu
005* Kalawao
007 Kauai
009* Maui

**Kalawao was split from Maui during the 1970s. For analysis purposes, SEER combines data for all Hawaii counties.*

Iowa

001 Adair
003 Adams
005 Allamakee
007 Appanoose
009 Audubon
011 Benton
013 Black Hawk
015 Boone
017 Bremer
019 Buchanan

APPENDIX A
COUNTY CODES

SEER Areas (in alphabetical order)

County
Code County

Iowa, continued

021	Buena Vista
023	Butler
025	Calhoun
027	Carroll
029	Cass
031	Cedar
033	Cerro Gordo
035	Cherokee
037	Chickasaw
039	Clarke
041	Clay
043	Clayton
045	Clinton
047	Crawford
049	Dallas
051	Davis
053	Decatur
055	Delaware
057	Des Moines
059	Dickinson
061	Dubuque
063	Emmet
065	Fayette
067	Floyd
069	Franklin
071	Fremont
073	Greene
075	Grundy
077	Guthrie
079	Hamilton
081	Hancock
083	Hardin
085	Harrison
087	Henry
089	Howard
091	Humbolt
093	Ida
095	Iowa
097	Jackson
099	Jasper
101	Jefferson
103	Johnson
105	Jones
107	Keokuk
109	Kossuth

SEER Areas (in alphabetical order)

County
Code County

Iowa, continued

111	Lee
113	Linn
115	Louisa
117	Lucas
119	Lyon
121	Madison
123	Mahaska
125	Marion
127	Marshall
129	Mills
131	Mitchell
133	Monona
135	Monroe
137	Montgomery
139	Muscatine
141	O'Brien
143	Osceola
145	Page
147	Palo Alto
149	Plymouth
151	Pocahontas
153	Polk
155	Pottawattamie
157	Poweshiek
159	Ringgold
161	Sac
163	Scott
165	Shelby
167	Sioux
169	Story
171	Tama
173	Taylor
175	Union
177	Van Buren
179	Wapello
181	Warren
183	Washington
185	Wayne
187	Webster
189	Winnebago
191	Winneshiek
193	Woodbury
195	Worth
197	Wright

APPENDIX A COUNTY CODES

SEER Areas (in alphabetical order)

County
Code County

Los Angeles
037 Los Angeles

New Mexico

001 Bernalillo
003 Catron
005 Chaves
006* Cibola
007 Colfax
009 Curry
011 De Baca
013 Dona Ana
015 Eddy
017 Grant
019 Guadalupe
021 Harding
023 Hidalgo
025 Lea
027 Lincoln
028 Los Alamos
029 Luna
031 McKinley
033 Mora
035 Otero
037 Quay
039 Rio Arriba
041 Roosevelt
043 Sandoval
045 San Juan
047 San Miguel
049 Santa Fe
051 Sierra
053 Socorro
055 Taos
057 Torrance
059 Union
061* Valencia

**Cibola was split from Valencia on June 19, 1981. Cases diagnosed 1973-81 were reviewed and recoded as needed to Cibola County. However, for analysis purposes, SEER combines the data for Cibola with Valencia, for all years.*

SEER Areas (in alphabetical order)

County
Code County

San Francisco-Oakland SMSA

001 Alameda
013 Contra Costa
041 Marin
075 San Francisco
081 San Mateo

San Jose-Monterey

027 Monterey
035 San Benito
043 Santa Clara
044 Santa Cruz

Seattle-Puget Sound

009 Clallam
027 Grays Harbor
029 Island
031 Jefferson
033 King
035 Kitsap
045 Mason
053 Pierce
055 San Juan
057 Skagit
061 Snohomish
067 Thurston
073 Whatcom

Utah

001 Beaver
003 Box Elder
005 Cache
007 Carbon
009 Daggett
011 Davis
013 Duchesne
015 Emery
017 Garfield
019 Grand
021 Iron
023 Juab
025 Kane

APPENDIX A
COUNTY CODES

SEER Areas (in alphabetical order)

County
Code County

Utah, continued

027	Millard
029	Morgan
031	Piute
033	Rich
035	Salt Lake
037	San Juan
039	Sanpete
041	Sevier
043	Summit
045	Tooele
047	Uintah
049	Utah
051	Wasatch
053	Washington
055	Wayne
057	Weber

SEER Areas

County
Code County

For all areas

999	County Unknown
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APPENDIX B

SEER GEOCODES

for Coding Place of Birth

SEER GEOCODES FOR CODING PLACE OF BIRTH

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United States Possessions	B-3
North and South America, Exclusive of the United States and its Possessions	B-4
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Place of Birth Unknown	B-8
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APPENDIX B
SEER GEOCODES FOR CODING PLACE OF BIRTH

CONTINENTAL UNITED STATES AND HAWAII

000 United States

001 New England and New Jersey

- 002 Maine
- 003 New Hampshire
- 004 Vermont
- 005 Massachusetts
- 006 Rhode Island
- 007 Connecticut
- 008 New Jersey

010 North Mid-Atlantic States

- 011 New York
- 014 Pennsylvania
- 017 Delaware

020 South Mid-Atlantic States

- 021 Maryland
- 022 District of Columbia
- 023 Virginia
- 024 West Virginia
- 025 North Carolina
- 026 South Carolina

030 Southeastern States

- 031 Tennessee
- 033 Georgia
- 035 Florida
- 037 Alabama
- 039 Mississippi

040 North Central States

- 041 Michigan
- 043 Ohio
- 045 Indiana
- 047 Kentucky

050 Northern Midwest States

- 051 Wisconsin
- 052 Minnesota
- 053 Iowa
- 054 North Dakota
- 055 South Dakota
- 056 Montana

060 Central Midwest States

- 061 Illinois
- 063 Missouri
- 065 Kansas
- 067 Nebraska

070 Southern Midwest States

- 071 Arkansas
- 073 Louisiana
- 075 Oklahoma
- 077 Texas

080 Mountain States

- 081 Idaho
- 082 Wyoming
- 083 Colorado
- 084 Utah
- 085 Nevada
- 086 New Mexico
- 087 Arizona

090 Pacific Coast States

- 091 Alaska
- 093 Washington
- 095 Oregon
- 097 California
- 099 Hawaii

APPENDIX B
SEER GEOCODES FOR CODING PLACE OF BIRTH

UNITED STATES POSSESSIONS

When SEER geocodes were originally assigned during the 1970s, the United States owned or controlled islands in the Pacific. Since then many of these islands have either been given their independence or had control turned over to another country. In order to maintain consistent information over time, these islands are still to be coded to the original codes. Earlier designations are listed in parentheses.

100 Atlantic/Caribbean Area

101 Puerto Rico

102 U.S. Virgin Islands

109 Other Atlantic/Caribbean Area

110 Canal Zone

120 Pacific Area

121 American Samoa

122 Kiribati (Canton and Enderbury
Islands, Gilbert Islands, Southern
Line Islands, Phoenix Islands)

123 Micronesia [Federated States of]
(Caroline Islands, Trust Territory
of Pacific Islands)

124 Cook Islands (New Zealand)

125 Tuvalu (Ellice Islands)

126 Guam

127 Johnston Atoll

129 Mariana Islands (Trust Territory
of Pacific Islands)

131 Marshall Islands (Trust Territory
Pacific Islands)

132 Midway Islands

133 Nampo-Shoto, Southern

134 Ryukyu Islands (Japan)

135 Swan Islands

136 Tokelau Islands (New Zealand)

137 Wake Island

139 Palau (Trust Territory of Pacific
Islands)

APPENDIX B
SEER GEOCODES FOR CODING PLACE OF BIRTH

**NORTH AND SOUTH AMERICA,
EXCLUSIVE OF THE UNITED STATES AND ITS POSSESSIONS**

210 Greenland		245 Other Caribbean Islands, continued
		Leeward islands, NOS
220 Canada		West Indies, NOS
221 Maritime provinces		Windward islands, NOS
New Brunswick		246 Bermuda
Newfoundland		247 Bahamas
Nova Scotia		249 St. Pierre and Miquelon
Prince Edward Island		
222 Quebec		250 Central America
223 Ontario		251 Guatemala
224 Prairie provinces		252 Belize (British Honduras)
Alberta		253 Honduras
Manitoba		254 El Salvador
Saskatchewan		255 Nicaragua
225 Northwest Territories		256 Costa Rica
Yukon Territory		257 Panama
226 British Columbia		
		260 North America, NOS
230 Mexico		265 Latin America, NOS
240 North American Islands		300 South America, NOS
241 Cuba		311 Colombia
242 Haiti		321 Venezuela
243 Dominican Republic		331 Guyana (British Guiana)
244 Jamaica		332 Suriname (Dutch Guiana)
245 Other Caribbean Islands		333 French Guiana
Anguilla		341 Brazil
Antigua and Barbuda		345 Ecuador
Barbados		351 Peru
British Virgin Islands		355 Bolivia
Cayman Islands		361 Chile
Dominica		365 Argentina
Grenada		371 Paraguay
Guadeloupe		375 Uruguay
Martinique		
Montserrat		
Nederlands Antilles		310 South American Islands
St. Kitts and Nevis		311 Falkland Islands
St. Lucia		
St. Vincent and the Grenadines		
Trinidad and Tobago		
Turks and Caicos		
Antilles, NOS		
British West Indies, NOS		
Carribean, NOS		

APPENDIX B
SEER GEOCODES FOR CODING PLACE OF BIRTH

EUROPE	EUROPE, continued
<i>former or alternative names are in parentheses</i>	
Europe, NOS (See code 499) *	445 Portugal Azores Cape Verde Islands Madeira Islands
400 United Kingdom, NOS	447 Italy San Marino Sardinia Sicily Vatican City (Holy See)
401 England Channel Islands Isle of Man	449 Romania
402 Wales	
403 Scotland	
404 Northern Ireland (Ulster)	
410 Ireland (Eire)	450 Slavic countries
Ireland, NOS	451 Poland
Republic of Ireland	452 (former) Czechoslovakia region Bohemia Czech Republic Moravia Slovak Republic Slovakia
420 Scandinavia	
Lapland, NOS	
421 Iceland	
423 Norway	
Svalbard	453 (former) Yugoslavia region Bosnia-Herzegovina Croatia Dalmatia Montenegro Macedonia Serbia Slavonia Slovenia
Jan Mayen	
425 Denmark	
Faroe Islands	
427 Sweden	
429 Finland	
430 Germanic countries	
431 Germany (East Germany including East Berlin) (West Germany including West Berlin)	454 Bulgaria 455 Russia Russian Federation (former) U.S.S.R. Russia, NOS (Russian S.F.S.R.)
432 Netherlands	
433 Belgium	
434 Luxembourg	456 Ukraine and Moldova (Bessarabia) Moldavia (Moldavian S.S.R.) (Ukrainian S.S.R.)
435 Switzerland	
436 Austria	
437 Liechtenstein	
440 Romance-language countries	457 Belarus (Byelorussian S.S.R.) (White Russia)
441 France	458 Estonia (Estonian S.S.R.)
Corsica	459 Latvia (Latvian S.S.R.)
Monaco	461 Lithuania (Lithuanian S.S.R.)
443 Spain	463 Baltic Republic(s), NOS (Baltic States, NOS)
Andorra	
Balearic Islands	
Canary Islands	

* Effective cases diagnosed 1/1/92.

APPENDIX B
SEER GEOCODES FOR CODING PLACE OF BIRTH

EUROPE (continued)

470 Other mainland Europe
 471 Greece
 475 Hungary
 481 Albania
 485 Gibraltar

 490 Other Mediterranean islands
 491 Malta
 495 Cyprus

 499 Europe, NOS*
 Central Europe, NOS
 Eastern Europe, NOS
 Northern Europe, NOS
 Southern Europe, NOS
 Western Europe, NOS

* *Effective cases diagnosed 1/1/92.*

AFRICA

500 Africa, NOS
 Central Africa, NOS
 Equatorial Africa, NOS

 510 North Africa, NOS
 511 Morocco
 513 Algeria
 515 Tunisia
 517 Libya
 (Cyrenaica)
 (Tripoli)
 (Tripolitania)
 519 Egypt (United Arab Republic)

 520 Sudanese countries
 Burkina Faso (Upper Volta)
 Chad
 Mali
 Mauritania
 Niger
 Sudan (Anglo-Egyptian Sudan)
 Western (Spanish) Sahara

 530 West Africa, NOS
 French West Africa, NOS
 531 Nigeria
 539 Other West African Countries
 Benin (Dahomey)
 Cameroon (Kameroon)
 Central African Republic (French
 Equatorial Africa)
 Cote d'Ivoire (Ivory Coast)
 Congo (Congo-Brazzaville,
 French Congo)
 Equatorial Guinea (Spanish
 Guinea) (Bioko {Fernando Poo},
 Rio Muni)
 Gambia
 Gabon
 Ghana
 Guinea
 Guinea Bissau (Portuguese
 Guinea)
 Liberia
 Senegal
 Sierra Leone
 Togo

APPENDIX B
SEER GEOCODES FOR CODING PLACE OF BIRTH

AFRICA, continued

- 540 South Africa, NOS
 - 541 Zaire (Congo-Leopoldville, Belgian Congo, Congo/Kinshasa)
 - 543 Angola (Sao Tome, Principe, Cabinda)
 - 545 Republic of South Africa (Bophuthatswana, Cape Colony, Ciskei, Natal, Free State {Orange Free State}, Transkei, Transvaal, Venda)
 - Botswana (Bechuanaland)
 - Lesotho (Basutoland)
 - Namibia (South West Africa)
 - Swaziland
 - 547 Zimbabwe (Rhodesia, Southern Rhodesia)
 - 549 Zambia (Northern Rhodesia)
 - 551 Malawi (Nyasaland)
 - 553 Mozambique
 - 555 Madagascar (Malagasy Republic)
- 570 East Africa
 - 571 Tanzania (Tanganyika, Tanzanyika, Zanzibar)
 - 573 Uganda
 - 575 Kenya
 - 577 Rwanda (Ruanda)
 - 579 Burundi (Urundi)
 - 581 Somalia (Somali Republic, Somaliland)
 - 583 Djibouti (French Territory of the Afars and Issas, French Somaliland)
 - 585 Ethiopia (Abyssinia)
 - Eritrea
- 580 African Coastal Islands (previously included in 540)
 - Comoros
 - Mauritius
 - Mayotte
 - Reunion
 - Seychelles

ASIA

- 600 Asia, NOS*
- 610 Near East
 - Mesopotamia, NOS
 - 611 Turkey
 - Anatolia
 - Asia Minor, NOS
- 620 Asian Arab Countries
 - Iraq-Saudi Arabia Neutral Zone
 - 621 Syria
 - 623 Lebanon
 - 625 Jordan (Transjordan, former Arab Palestine)
 - 627 Iraq
 - 629 Arabian Peninsula
 - Bahrain
 - Kuwait
 - Oman and Muscat
 - Persian Gulf States, NOS
 - Qatar
 - Saudi Arabia
 - United Arab Emirates (Trucial States)
 - Yemen (Aden, People's Democratic Republic of Yemen, Southern Yemen)
 - 631 Israel and former Jewish Palestine
 - Gaza
 - Palestine (Palestinian National Authority--PNA)
 - West Bank
 - 633 Caucasian Republics of the former U.S.S.R.
 - Armenia
 - Azerbaijan (Nagorno-Karabakh)
 - Georgia
 - 634 Other Asian Republics of the former U.S.S.R.
 - Kazakhstan (Kazakh S.S.R.)
 - Kyrgystan (Kirghiz S.S.R., Kyrgyz)
 - Tajikistan (Tadzhik S.S.R.)
 - Turkmenistan (Turkmen S.S.R.)
 - Uzbekistan (Uzbek S.S.R.)
- 637 Iran (Persia)
- 638 Afghanistan
- 639 Pakistan (West Pakistan)

* *Effective cases diagnosed 1/1/92*

APPENDIX B

SEER GEOCODES FOR CODING PLACE OF BIRTH

ASIA, continued

- 640 Mid-East Asia, NOS
 - Maldives
 - 641 India
 - 643 Nepal, Bhutan, Sikkim
 - 645 Bangladesh (East Pakistan)
 - 647 Ceylon (Sri Lanka)
 - 649 Burma
- 650 Southeast Asia
 - 651 Thailand (Siam)
- 660 Indochina
 - 661 Laos
 - 663 Cambodia
 - 665 Vietnam (Tonkin, Annam, Cochin China)
 - 671 Malaysia, Singapore, Brunei
 - 673 Indonesia (Dutch East Indies)
 - 675 Philippines (Philippine Islands)
- 680 East Asia
 - 681 China, NOS
 - 682 China (People's Republic of China)
 - 683 Hong Kong
 - 684 Taiwan (Formosa, Republic of China)
 - 685 Tibet
 - 686 Macao (Macau)
 - 691 Mongolia
 - 693 Japan
 - 695 Korea
 - North Korea
 - South Korea

AUSTRALIA AND OCEANIA

- 711 Australia and Australian New Guinea
- 715 New Zealand
- 720 Pacific Islands ~
 - Oceania, NOS
 - Polynesia, NOS
- 721 Melanesian Islands ~
 - Solomon Islands
- 723 Micronesian Islands ~
- 725 Polynesian Islands ~
- 750 Antarctica

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~ *Except possessions of the U.S.A.*

PLACE OF BIRTH UNKNOWN

- 998 Place of Birth stated not to be in United States, but no other information available
- 999 Place of Birth unknown

References: *CIA World Factbook*, 1995.
 U.S. Bureau of the Census Place of Birth Technical Documentation, 1997.

* *Effective cases diagnosed 1/1/92.*

APPENDIX B

SEER GEOCODES FOR CODING PLACE OF BIRTH

ALPHABETICAL LISTING

* *Effective cases diagnosed 1/1/92.*

A

585 Abyssinia
 629 Aden
 583 Afars and Issas
 638 Afghanistan
 500 Africa
 570 Africa, East
 510 Africa, North
 540 Africa, South
 545 Africa, South West
 530 Africa, West
 | 580 African Coastal Islands (previously
 | included in 540)
 037 Alabama
 091 Alaska
 481 Albania
 224 Alberta
 513 Algeria
 250 America, Central
 — America, North (use more specific term)
 300 America, South
 | 121 American Samoa
 | 611 Anatolia
 641 Andaman Islands
 443 Andorra
 543 Angola
 245 Anguilla
 665 Annam
 245 Antigua
 | 245 Antilles, NOS
 245 Antilles, Netherlands
 625 Arab Palestine
 629 Arabia, Saudi
 629 Arabian Peninsula
 365 Argentina
 087 Arizona
 071 Arkansas
 633 Armenia (U.S.S.R.)
 611 Armenia (Turkey)
 245 Aruba
 600 Asia, NOS*
 680 Asia, East
 640 Asia, Mid-East
 | 610 Asia Minor, NOS
 610 Asia, Near-East
 650 Asia, Southeast
 | 634 Asian Republics of the former U.S.S.R.
 620 Asian Arab countries

100 Atlantic/Caribbean area, U.S. possessions
 109 Atlantic/Caribbean area, other U.S.
 possessions
 711 Australia
 711 Australian New Guinea
 436 Austria
 633 Azerbaijan
 633 Azerbaizhan S.S.R.
 445 Azores

B

247 Bahamas
 629 Bahrain
 443 Balearic islands
 | 463 Baltic Republic, NOS
 | 463 Baltic States, NOS
 645 Bangladesh
 245 Barbados
 245 Barbuda
 431 Bavaria
 545 Basutoland
 545 Bechuanaland
 | 457 Belarus
 541 Belgian Congo
 433 Belgium
 252 Belize
 539 Benin
 246 Bermuda
 456 Bessarabia
 643 Bhutan
 | 539 Bioko (Fernando Poo)
 452 Bohemia
 355 Bolivia
 545 Bophuthatswana
 673 Borneo
 | 453 Bosnia-Herzegovina
 545 Botswana
 341 Brazil
 226 British Columbia
 331 British Guiana
 252 British Honduras
 245 British Virgin Islands
 | 245 British West Indies, NOS
 671 Brunei
 454 Bulgaria
 | 520 Burkina Faso (Upper Volta)
 649 Burma
 579 Burundi
 457 Byelorussian S.S.R.

C			539	Cote d'Ivoire (Ivory Coast)
543	Cabinda		471	Crete
245	Caicos Islands		453	Croatia
097	California		241	Cuba
663	Cambodia		245	Curacao
539	Cameroon		495	Cyprus
220	Canada		517	Cyrenaica
110	Canal Zone		452	Czechoslovakia
443	Canary islands		452	Czech Republic
122	Canton islands			
545	Cape Colony		D	
445	Cape Verde islands			
245	Caribbean, NOS		539	Dahomey
245	Caribbean islands, other		453	Dalmatia
123	Caroline Islands		017	Delaware
711	Cartier Islands		425	Denmark
633	Caucasian Republics of the former U.S.S.R.		022	District of Columbia
245	Cayman Islands		583	Djibouti
500	Central Africa, NOS		449	Dobruja
539	Central African Republic		245	Dominica
250	Central America		243	Dominican Republic
499	Central Europe, NOS		673	Dutch East Indies
060	Central Midwest States		332	Dutch Guiana
647	Ceylon			
520	Chad		E	
401	Channel Islands (British)			
361	Chile		570	East Africa
681	China (not otherwise specified)		680	East Asia
665	China, Cochin		431	East Germany
682	China, People's Republic of		673	East Indies, Dutch
684	China, Republic of		645	East Pakistan
723	Christmas Island		499	Eastern Europe, NOS
545	Ciskel		345	Ecuador
665	Cochin China		519	Egypt
711	Cocos (Keeling) Islands		410	Eire
311	Colombia		254	El Salvador
083	Colorado		125	Ellice Islands
580	Comoros		122	Enderbury Islands
226	Columbia, British		401	England
022	Columbia, District of		500	Equatorial Africa, NOS
539	Congo-Brazzaville		539	Equatorial Guinea (Spanish Guinea)
541	Congo-Leopoldville		585	Eritrea
541	Congo, Belgian		458	Estonia
539	Congo, French		458	Estonian S.S.R. (Estonia)
541	Congo Kinshasa		585	Ethiopia
007	Connecticut		499	Europe, NOS*
124	Cook Islands		470	Europe, other mainland
441	Corsica			
256	Costa Rica			

APPENDIX B
SEER GEOCODES FOR CODING PLACE OF BIRTH

F		—	Guinea, New (see New Guinea)
		539	Guinea, Portuguese
425	Faroe (Faeroe) Islands	331	Guyana
311	Falkland Islands		
431	Federal Republic of Germany		
539	Fernando Poo		H
721	Fiji		
429	Finland	242	Haiti
035	Florida	099	Hawaii
684	Formosa	432	Holland
721	Fotuna	253	Honduras
441	France	252	Honduras, British
545	Free State (Orange Free State)	683	Hong Kong
539	French Congo	475	Hungary
333	French Guiana		
725	French Polynesia		
583	French Somaliland		I
530	French West Africa, NOS		
245	French West Indies		
G		421	Iceland
539	Gabon	081	Idaho
345	Galapagos Islands	061	Illinois
539	Gambia	641	India
631	Gaza Strip	045	Indiana
033	Georgia (U.S.A.)	673	Indies, Dutch East
633	Georgia (U.S.S.R.)	660	Indochina
430	Germanic countries	673	Indonesia
431	German Democratic Republic	053	Iowa
431	Germany	637	Iran
431	Germany, East	627	Iraq
431	Germany, Federal Republic of	620	Iraq-Saudi Arabian Neutral Zone
431	Germany, West	410	Ireland (Eire)
539	Ghana	404	Ireland, Northern
485	Gibraltar	410	Ireland, NOS
125	Gilbert Islands	410	Ireland, Republic of
471	Greece	401	Isle of Man
210	Greenland	631	Israel
245	Grenada	583	Issas
245	Grenadines, The	447	Italy
245	Guadaloupe	539	Ivory Coast
126	Guam		J
251	Guatamala	423	Jan Mayen
401	Guernsey	244	Jamaica
331	Guiana, British	693	Japan
332	Guiana, Dutch	673	Java
333	Guiana, French	401	Jersey
539	Guinea	631	Jewish Palestine
539	Guinea-Bissau (Portuguese Guinea)	127	Johnston Atoll
539	Guinea, Equatorial	625	Jordan
		453	Jugoslavia

APPENDIX B
SEER GEOCODES FOR CODING PLACE OF BIRTH

K

539 Kameroon
663 Kampuchea
065 Kansas
634 Kazakh S.S.R.
| 634 Kazakhstan
047 Kentucky
575 Kenya
634 Kirghiz S.S.R.
| 122 Kiribati
695 Korea
695 Korea, North
695 Korea, South
629 Kuwait
| 634 Kyrgystan
| 634 Kyrgyz

L

221 Labrador
661 Laos
| 265 Latin America, NOS
| 420 Lapland, NOS
| 459 Latvia
459 Latvian S.S.R. (Latvia)
623 Lebanon
| 245 Leeward island, NOS
545 Lesotho
539 Liberia
517 Libya
437 Liechtenstein
128 Line Islands, Southern
| 461 Lithuania
461 Lithuanian S.S.R. (Lithuania)
073 Louisiana
434 Luxembourg

M

686 Macao
686 Macau
453 Macedonia
555 Madagascar
445 Madeira islands
002 Maine
555 Malagasy Republic
551 Malawi
671 Malay Peninsula
671 Malaysia
640 Maldives

520 Mali
491 Malta
224 Manitoba
129 Mariana Islands
221 Maritime provinces, Canada
131 Marshall Islands
245 Martinique
021 Maryland
005 Massachusetts
520 Mauritania
| 580 Mauritius
| 580 Mayotte
490 Mediterranean Islands, Other
721 Melanesian islands
| 610 Mesopotamia, NOS
230 Mexico
041 Michigan
| 123 Micronesian islands
640 Mid-East Asia
132 Midway Islands
052 Minnesota
| 249 Miquelon
039 Mississippi
063 Missouri
| 456 Moldavia
456 Moldavian S.S.R.
| 456 Moldova
441 Monaco
691 Mongolia
056 Montana
453 Montenegro
245 Montserrat
452 Moravia
511 Morocco
080 Mountain States
553 Mozambique
629 Muscat

N

545 Namibia
133 Nampo-shoto, Southern
545 Natal
723 Nauru
610 Near-East Asia
067 Nebraska
643 Nepal
432 Netherlands
245 Netherlands Antilles
332 Netherlands Guiana
085 Nevada

APPENDIX B
SEER GEOCODES FOR CODING PLACE OF BIRTH

		P		
245	Nevis		120	Pacific area, U.S. possessions
221	New Brunswick		720	Pacific islands
725	New Caledonia		123	Pacific Islands, Trust Territory of the (code to specific islands if possible)
001	New England		090	Pacific Coast States
673	New Guinea, except Australian and North East		639	Pakistan
711	New Guinea, Australian		645	Pakistan, East
711	New Guinea, North East		639	Pakistan, West
003	New Hampshire		139	Palau (Trust Territory of the Pacific Islands)
721	New Hebrides		625	Palestine, Arab
008	New Jersey		631	Palestine, Jewish
086	New Mexico		631	Palestine, NOS
011	New York		631	Palestinian National Authority--PNA
715	New Zealand		257	Panama
221	Newfoundland		711	Papua New Guinea
255	Nicaragua		371	Paraguay
520	Niger		014	Pennsylvania
531	Nigeria		629	People's Democratic Republic of Yemen
715	Niue		682	People's Republic of China
711	Norfolk Island		637	Persia
671	North Borneo (Malaysia)		629	Persian Gulf States, NOS
510	North Africa, NOS		351	Peru
260	North America, NOS (use more specific term if possible)		675	Philippine Islands
240	North American islands		675	Philippines
025	North Carolina		725	Pitcairn
040	North Central States		451	Poland
054	North Dakota		725	Polynesian islands
711	North East New Guinea		445	Portugal
695	North Korea		539	Portuguese Guinea
010	North Mid-Atlantic States		224	Prairie Provinces, Canada
499	Northern Europe, NOS		221	Prince Edward Island
404	Northern Ireland		543	Principe
129	Northern Mariana Islands		101	Puerto Rico
050	Northern Midwest States			
549	Northern Rhodesia			
225	Northwest Territories (Canada)			
423	Norway			
998	Not United States, NOS			
221	Nova Scotia			
551	Nyasaland			
		Q		
			629	Qatar
			222	Quebec
		O		
		R		
043	Ohio		684	Republic of China
075	Oklahoma		545	Republic of South Africa
629	Oman		580	Reunion
223	Ontario		006	Rhode Island
545	Orange Free State		547	Rhodesia
095	Oregon		549	Rhodesia, Northern
403	Orkney Islands			

APPENDIX B
SEER GEOCODES FOR CODING PLACE OF BIRTH

547 Rhodesia, Southern
539 Rio Muni
440 Romance-language countries
449 Romania
449 Roumania
577 Ruanda
449 Rumania
| 455 Russia, NOS
457 Russia, White
| 455 Russian Federation (former U.S.S.R.)
455 Russian S.F.S.R.
577 Rwanda
134 Ryukyu Islands

S

520 Sahara, Western
121 Samoa, American
725 Samoa, Western
245 St. Christopher-Nevis
540 St. Helena
| 245 St. Kitts (see St. Christopher-Nevis)
245 St. Lucia
| 249 St. Pierre
245 St. Vincent
447 San Marino
543 Sao Tome
447 Sardinia
224 Saskatchewan
629 Saudi Arabia
420 Scandinavia
403 Scotland
539 Senegal
453 Serbia
| 580 Seychelles
403 Shetland Islands
651 Siam
447 Sicily
539 Sierra Leone
643 Sikkim
671 Singapore
450 Slavic countries
453 Slavonia
| 452 Slovak Republic
452 Slovakia
453 Slovenia
721 Solomon Islands
581 Somali Republic
581 Somalia
581 Somaliland
583 Somaliland, French

540 South Africa
545 South Africa, Republic of
545 South Africa, Union of
300 South America
310 South American islands
026 South Carolina
055 South Dakota
695 South Korea
020 South Mid-Atlantic States
545 South West Africa
650 Southeast Asia
030 Southeastern States
499 Southern Europe, NOS
128 Southern Line Islands
070 Southern Midwest States
133 Southern Nampo-shoto
547 Southern Rhodesia
629 Southern Yemen
— Soviet Union (see individual republics)
443 Spain
520 Spanish Sahara
647 Sri Lanka
| 520 Sudan (Anglo-Egyptian Sudan)
520 Sudanese countries
673 Sumatra
332 Suriname
423 Svalbard
135 Swan Islands
545 Swaziland
427 Sweden
435 Switzerland
621 Syria

T

634 Tadzhik S.S.R.
684 Taiwan
| 634 Tajikistan
571 Tanzania
571 Tanganyika
571 Tanzanyika
031 Tennessee
077 Texas
| 651 Thailand (Siam)
685 Tibet
245 Tobago
539 Togo
136 Tokelau Islands
725 Tonga
665 Tonkin
625 Trans-Jordan

APPENDIX B
SEER GEOCODES FOR CODING PLACE OF BIRTH

545 Transkei **W**

545 Transvaal

449 Transylvania

245 Trinidad

517 Tripoli

517 Tripolitania

629 Trucial States

515 Tunisia

611 Turkey

634 Turkmen S.S.R.

634 Turkmenistan

245 Turks Islands

125 Tuvalu

U

573 Uganda

456 Ukraine

456 Ukranian S.S.R.

404 Ulster

545 Union of South Africa

— Union of Soviet Socialist Republics
(U.S.S.R.) (see individual republics)

629 United Arab Emirates

519 United Arab Republic

400 United Kingdom

000 United States

102 U.S. Virgin Islands

999 Unknown

520 Upper Volta

375 Uruguay

579 Urundi

084 Utah

634 Uzbekistan

634 Uzbek S.S.R.

V

721 Vanuatu

440 Vatican City

545 Venda

321 Venezuela

004 Vermont

665 Vietnam

102 Virgin Islands (U.S.)

245 Virgin Islands (British)

023 Virginia

137 Wake Island

402 Wales

721 Wallis

449 Wallachia

093 Washington (state)

022 Washington D.C.

530 West Africa, NOS

539 West African countries, other

631 West Bank

431 West Germany

245 West Indies, NOS (see also individual islands)

639 West Pakistan

024 West Virginia

499 Western Europe, NOS

520 Western Sahara

725 Western Samoa

457 White Russia

245 Windward islands

051 Wisconsin

082 Wyoming

Y

629 Yemen

629 Yemen, People's Democratic Republic of

453 Yugoslavia (former Yugoslavia region)

225 Yukon Territory

Z

541 Zaire

549 Zambia

571 Zanzibar

547 Zimbabwe

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APPENDIX C

SITE-SPECIFIC SURGERY CODES

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**APPENDIX C
SITE-SPECIFIC SURGERY CODES**

ORAL CAVITY

**Lip C00.0-C00.9, Base of Tongue C01.9, Other Parts of Tongue C02.0-C02.9,
Gum C03.0-C03.9, Floor of Mouth C04.0-C04.9, Palate C05.0-C05.9,
Other Parts of Mouth C06.0-C06.9**

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
- 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser

No specimen sent to pathology from this surgical event.

Procedures in codes 20-27 include, but are not limited to:

Shave Wedge resection

- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
- 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy

Specimen sent to pathology from this surgical event.
--

Procedures in code 30 include, but are not limited to:

Hemiglossectomy Partial glossectomy
--

- 30 Wide excision, NOS

APPENDIX C
SITE-SPECIFIC SURGERY CODES

ORAL CAVITY

**Lip C00.0-C00.9, Base of Tongue C01.9, Other Parts of Tongue C02.0-C02.9,
Gum C03.0-C03.9, Floor of Mouth C04.0-C04.9, Palate C05.0-C05.9,
Other Parts of Mouth C06.0-C06.9**

SURGERY OF PRIMARY SITE, continued

Procedures in codes 40-43 include, but are not limited to:

Radical glossectomy

- 40 Radical excision of tumor, NOS
- 41 Radical excision of tumor ONLY
- 42 Combination of 41 WITH en bloc mandibulectomy (marginal, segmental, hemi-, or total)
- 43 Combination of 41 WITH en bloc maxillectomy (partial, subtotal, total)

- 90 Surgery, NOS

- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

SCOPE OF REGIONAL LYMPH NODE SURGERY

Regional cervical lymph nodes are:

Caudal jugular (deep cervical) Caudal jugular (deep cervical) Dorsal cervical (superficial cervical) Medial jugular (deep cervical) Occipital Paratracheal (anterior cervical) Prelaryngeal (anterior cervical) Retroauricular (mastoid, posterior auricular) Submandibular (submaxillary) Submental Supraclavicular

codes continue on next page

APPENDIX C
SITE-SPECIFIC SURGERY CODES

ORAL CAVITY

**Lip C00.0-C00.9, Base of Tongue C01.9, Other Parts of Tongue C02.0-C02.9,
Gum C03.0-C03.9, Floor of Mouth C04.0-C04.9, Palate C05.0-C05.9,
Other Parts of Mouth C06.0-C06.9**

SCOPE OF REGIONAL LYMPH NODE SURGERY, continued

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
 - 2 Neck dissection, NOS
 - 3 Selective, limited; nodal sampling; “berry picking”
 - 4 Modified/modified radical
 - 5 Radical
- 9 Unknown; not stated; death certificate ONLY

Terminology of neck dissection (Robbins et al. 1991):

A radical neck dissection includes the removal of all ipsilateral cervical lymph node groups, i.e., lymph nodes from levels I through V (submental, submandibular, cranial jugular, medial jugular, caudal jugular, dorsal cervical nodes along the accessory nerve, and supraclavicular), and removal of the spinal accessory nerve, internal jugular vein and sternocleidomastoid muscle.

In a modified radical neck dissection the same lymph nodes are removed as in a radical neck dissection; however, one or more non-lymphatic structures are preserved.

A selective neck dissection is a neck dissection with preservation of one or more lymph node groups routinely removed in radical neck dissection.

APPENDIX C
SITE-SPECIFIC SURGERY CODES

ORAL CAVITY

**Lip C00.0-C00.9, Base of Tongue C01.9, Other Parts of Tongue C02.0-C02.9,
Gum C03.0-C03.9, Floor of Mouth C04.0-C04.9, Palate C05.0-C05.9,
Other Parts of Mouth C06.0-C06.9**

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
- 2 Other regional site(s)
 - 3 Mandibulectomy (marginal, segmental, hemi-, or total)
 - 4 Maxillectomy (partial, subtotal, or total)

Code a mandibulectomy or a maxillectomy in this field only if the procedure is NOT a part of an en bloc resection of the primary tumor. If the mandibulectomy or maxillectomy IS a part of an en bloc resection of the primary tumor, code under "Surgery of Primary Site."

- 5 Distant lymph node(s)
- 6 Distant site(s)
- 7 Combination of 6 WITH 2, 3, 4, or 5
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

PAROTID AND OTHER UNSPECIFIED GLANDS
Parotid Gland C07.9, Major Salivary Glands C08.0-C08.9

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
- 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser
- No specimen sent to pathology from this surgical event.
- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
- 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy
- Specimen sent to pathology from this surgical event.
- 30 Less than total parotidectomy, NOS
- 31 Facial nerve spared
 - 32 Facial nerve sacrificed
 - 33 Superficial lobe **ONLY**
 - 34 Facial nerve spared
 - 35 Facial nerve sacrificed
 - 36 Deep lobe (**WITH or WITHOUT superficial lobe**)
 - 37 Facial nerve spared
 - 38 Facial nerve sacrificed
- 40 Total parotidectomy, NOS
- 41 Facial nerve spared
 - 42 Facial nerve sacrificed
- 50 Radical parotidectomy, NOS
- 51 **WITHOUT** removal of temporal bone
 - 52 **WITH** removal of temporal bone
- 80 Parotidectomy, NOS
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate **ONLY**

APPENDIX C
SITE-SPECIFIC SURGERY CODES

PAROTID AND OTHER UNSPECIFIED GLANDS
Parotid Gland C07.9, Major Salivary Glands C08.0-C08.9

SCOPE OF REGIONAL LYMPH NODE SURGERY

Regional cervical lymph nodes are:
Buccal (facial) Caudal jugular (deep cervical) Cranial jugular (deep cervical) Dorsal cervical (superficial cervical) Medial jugular (deep cervical) Occipital Paratracheal (anterior cervical) Parotid Prelaryngeal (anterior cervical) Retroauricular (mastoid, posterior auricular) Retropharyngeal Submandibular (submaxillary) Submental Supraclavicular

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
 - 2 Neck dissection, NOS
 - 3 Selective, limited; nodal sampling; “berry picking”
 - 4 Modified/modified radical
 - 5 Radical
- 9 Unknown; not stated; death certificate ONLY

Terminology of neck dissection (Robbins et al. 1991):
A radical neck dissection includes the removal of all ipsilateral cervical lymph node groups, i.e., lymph nodes from levels I through V (submental, submandibular, cranial jugular, medial jugular, caudal jugular, dorsal cervical nodes along the accessory nerve, and supraclavicular), and removal of the spinal accessory nerve, internal jugular vein and sternocleidomastoid muscle.
In a modified radical neck dissection, the same lymph nodes are removed as in a radical neck dissection; however, one or more non-lymphatic structures are preserved.
A selective neck dissection is a neck dissection with preservation of one or more lymph node groups routinely removed in radical neck dissection.

APPENDIX C
SITE-SPECIFIC SURGERY CODES

PAROTID AND OTHER UNSPECIFIED GLANDS
Parotid Gland C07.9, Major Salivary Glands C08.0-C08.9

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional sites
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

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APPENDIX C
SITE-SPECIFIC SURGERY CODES

PHARYNX

Tonsil C09.0-C09.9, Oropharynx C10.0-C10.9, Nasopharynx C11.0-C11.9
Pyrriform Sinus C12.9, Hypopharynx C13.0-C13.9, Pharynx C14.0

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
- 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser
 - 15 Stripping
- No specimen sent to pathology from this surgical event.
- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
- 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy
- Specimen sent to pathology from this surgical event.
- 30 Pharyngectomy, NOS
- 31 Limited/partial pharyngectomy
 - 32 Total pharyngectomy
- 40 Pharyngectomy WITH mandibulectomy (marginal, segmental, hemi-, and/or laryngectomy), NOS
- 41 WITH laryngectomy (laryngopharyngectomy)
 - 42 WITH mandibulectomy
 - 43 WITH both 41 and 42
- 50 Radical pharyngectomy (includes total mandibular resection), NOS
- 51 WITHOUT laryngectomy
 - 52 WITH laryngectomy
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

PHARYNX

Tonsil C09.0-C09.9, Oropharynx C10.0-C10.9, Nasopharynx C11.0-C11.9
Pyriiform Sinus C12.9, Hypopharynx C13.0-C13.9, Pharynx C14.0

SCOPE OF REGIONAL LYMPH NODE SURGERY

Regional cervical lymph nodes are:
Buccal (facial) Caudal jugular (deep cervical) Cranial jugular (deep cervical) Dorsal cervical (superficial cervical) Medial jugular (deep cervical) Occipital Paratracheal (anterior cervical) Parotid Prelaryngeal (anterior cervical) Retroauricular (mastoid, posterior auricular) Retropharyngeal Submandibular (submaxillary) Submental Supraclavicular

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
 - 2 Neck dissection, NOS
 - 3 Selective, limited; nodal sampling; “berry picking”
 - 4 Modified/modified radical
 - 5 Radical
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

PHARYNX

Tonsil C09.0-C09.9, Oropharynx C10.0-C10.9, Nasopharynx C11.0-C11.9
Pyriiform Sinus C12.9, Hypopharynx C13.0-C13.9, Pharynx C14.0

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Laryngectomy ONLY
 - 3 Mandibulectomy ONLY (marginal, segmental, or hemi-)
 - 4 Combination of 2 and 3
 - 5 Removal of other regional sites
 - 6 Combination of 5 with 2-4
 - 7 Removal of other distant sites(s) or distant lymph node(s)
 - 8 Combination of 7 WITH any of 2-6
 - 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

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APPENDIX C
SITE-SPECIFIC SURGERY CODES

ESOPHAGUS
C15.0-C15.9

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
- 11 Photodynamic therapy (PDT)
- 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
- 13 Cryosurgery
- 14 Laser
- No specimen sent to pathology from this surgical event.
- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
- 21 Photodynamic therapy (PDT)
- 22 Electrocautery
- 23 Cryosurgery
- 24 Laser ablation
- 25 Laser excision
- 26 Polypectomy
- 27 Excisional biopsy
- Specimen sent to pathology from this surgical event.
- 30 Partial esophagectomy
- 40 Total esophagectomy
- 50 Partial esophagectomy WITH laryngectomy and/or gastrectomy, NOS
- 51 WITH laryngectomy
- 52 WITH gastrectomy, NOS
- 53 Partial gastrectomy
- 54 Total gastrectomy
- 55 Combination of 51 WITH any of 52-54
- 60 Total esophagectomy, NOS WITH laryngectomy and/or gastrectomy, NOS
- 61 WITH laryngectomy
- 62 WITH gastrectomy, NOS
- 63 Partial gastrectomy
- 64 Total gastrectomy
- 65 Combination of 61 WITH any of 62-64
- 70 Esophagectomy, NOS WITH pharyngectomy and laryngectomy

APPENDIX C
SITE-SPECIFIC SURGERY CODES

ESOPHAGUS
C15.0-C15.9

SURGERY OF PRIMARY SITE, continued

- 80 Esophagectomy, NOS
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

SCOPE OF REGIONAL LYMPH NODE SURGERY

Regional lymph nodes are different for each anatomical subsite. The following list identifies nodes classified as regional for each subsite:	
Cervical esophagus:	Cervical, NOS Internal jugular Periesophageal Scalene Supraclavicular Upper cervical
Intrathoracic esophagus (upper, middle, lower):	Carinal Hilar (pulmonary roots) Internal jugular Mediastinal, NOS Paracardial Periesophageal Perigastric Peritracheal Superior mediastinal Tracheobronchial

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate ONLY

Celiac nodes are distant for intrathoracic esophagus. Code removal of celiac nodes in the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."
--

APPENDIX C
SITE-SPECIFIC SURGERY CODES

ESOPHAGUS
C15.0-C15.9

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional sites
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

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APPENDIX C
SITE-SPECIFIC SURGERY CODES

STOMACH
C16.0-C16.9

SURGERY OF PRIMARY SITE

CODE

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
- 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser

No specimen sent to pathology from this surgical event.

- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
- 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy

Specimen sent to pathology from this surgical event.

Code 30, partial gastrectomy, includes a sleeve resection of the stomach
Billroth I: anastomosis to duodenum (duodenostomy)
Billroth II: anastomosis to jejunum (jejunostomy)

- 30 Gastrectomy, NOS (partial, subtotal, hemi-)
- 31 Antrectomy, lower (distal)
- 32 Lower (distal) gastrectomy (partial, subtotal, hemi-)
- 33 Upper (proximal) gastrectomy (partial, subtotal, hemi-)

Resection of less than 40% of stomach

- 40 Near-total or total gastrectomy

A total gastrectomy may follow a previous partial resection of the stomach.

- 50 Gastrectomy, NOS WITH removal of a portion of esophagus
- 51 Partial or subtotal gastrectomy
 - 52 Near total or total gastrectomy

APPENDIX C
SITE-SPECIFIC SURGERY CODES

STOMACH
C16.0-C16.9

SURGERY OF PRIMARY SITE, continued

- 60 Gastrectomy WITH en bloc resection of other organs, NOS
- 61 Partial or subtotal gastrectomy WITH en bloc resection
- 62 Near total or total gastrectomy WITH en bloc resection
- 63 Radical gastrectomy WITH en bloc resection

EN BLOC RESECTION is the removal of organs in one piece at one time and may include an omentectomy.

- 80 Gastrectomy, NOS
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:	
Greater Curvature of Stomach	Gastroduodenal Gastroepiploic, left Gastroepiploic, right or NOS Greater omental Greater curvature Pancreaticoduodenal (anteriorly along the first part of duodenum) Pyloric, including subpyloric and infrapyloric
Pancreatic and Splenic Area:	Pancreaticolienal Peripancreatic Splenic hilum
Lesser Curvature of Stomach:	Cardioesophageal Celiac Common hepatic Hepatoduodenal Left gastric Lesser omental Lesser curvature Paracardial; cardial Perigastric, NOS

APPENDIX C
SITE-SPECIFIC SURGERY CODES

STOMACH
C16.0-C16.9

SCOPE OF REGIONAL LYMPH NODE SURGERY, continued

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate ONLY

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
-
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

STOMACH
C16.0-C16.9

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

DO NOT CODE the incidental removal of gallbladder, bile ducts, appendix, or vagus nerve. Incidental removal is when an organ is removed for a reason unrelated to the malignancy (gallbladder removed for obvious cholelithiasis).

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Removal of other regional sites, ONLY
 - 3 Removal of distant node(s)
 - 4 Removal of distant site
 - 5 Combination of 2 WITH 3 and/or 4
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

COLON
C18.0 - C18.9

SURGERY OF PRIMARY SITE

Code removal/surgical ablation of single or multiple liver metastases under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
- 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser

No specimen sent to pathology from this surgical event.

- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
- 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy

Specimen sent to pathology from this surgical event.

Procedures coded 30-31 include, but are not limited to:

Appendectomy (for an appendix primary only)
Enterocolectomy
Ileocolectomy
Partial colectomy, NOS
Partial resection of transverse colon and flexures
Segmental resection, e.g., cecectomy
Sigmoidectomy

- 30 Partial colectomy, but less than hemicolectomy
- 31 Partial colectomy WITH permanent colostomy (Hartmann's operation)

APPENDIX C
SITE-SPECIFIC SURGERY CODES

COLON
C18.0 - C18.9

SURGERY OF PRIMARY SITE, continued

- 40 Hemicolectomy or greater (but less than total); right or left colectomy

A hemicolectomy is the removal of total right or left colon and a portion of transverse colon

- 50 Total colectomy

Removal of colon from cecum to the rectosigmoid or a portion of the rectum

- 60 Total proctocolectomy

Commonly used for familial polyposis or polyposis coli.

- 70 Colectomy or coloproctectomy WITH an en bloc resection of other organs; pelvic exenteration

CODE 70 includes any colectomy (partial, hemicolectomy, or total) WITH an en bloc resection of any other organs. The other organs may be partially or totally removed. Procedures that may be a **PART OF AN EN BLOC RESECTION** include, but are not limited to: oophorectomy, partial proctectomy, rectal mucosectomy

EN BLOC resection is the removal of organs in one piece at one time.

- 80 Colectomy, NOS

- 90 Surgery, NOS

- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

COLON
C18.0 - C18.9

SCOPE OF REGIONAL LYMPH NODE SURGERY

The pathology report often describes regional lymph nodes by their anatomic location: colic nodes; mesenteric nodes; peri-epi-para- colic. Regional lymph nodes differ for each anatomical subsite. The following list identifies the regional lymph nodes for each subsite of the colon:	
Cecum and appendix	Anterior cecal Ileocolic Posterior cecal Right colic
Ascending colon	Ileocolic Middle colic Right colic
Hepatic flexure	Middle colic Right colic
Transverse colon	Middle colic
Splenic flexure	Inferior mesenteric Middle colic Left colic
Descending colon	Inferior mesenteric Left colic Sigmoid
Sigmoid colon	Inferior mesenteric Sigmoid mesenteric Sigmoidal Superior rectal (hemorrhoidal)

Superior mesenteric, external iliac and common iliac nodes are distant lymph nodes. Code the removal of any of these nodes in the data item "Surgery of Other Regional Site(s), Distant Site(s), or Distant Lymph Node(s)."

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

COLON
C18.0 - C18.9

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S), OR DISTANT LYMPH NODE(S)

DO NOT CODE the incidental removal of appendix, gallbladder, bile ducts, or spleen. Incidental removal is when an organ is removed for a reason unrelated to the malignancy (gallbladder removed for obvious cholelithiasis).

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Removal of other regional site(s), ONLY
 - 3 Removal/surgical ablation of single liver metastasis
 - 4 Removal/surgical ablation of multiple liver metastases
 - 5 Combination of codes 2 WITH 3 or 4
 - 6 Removal of other distant site(s) or distant lymph node(s), ONLY
 - 7 Combination of code 6 WITH 3 or 5
 - 8 Combination of code 6 WITH 4
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

RECTOSIGMOID
C19.9

SURGERY OF PRIMARY SITE

CODE removal/surgical ablation of single or multiple liver metastases under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Node(s)."

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
- 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser ablation

No specimen sent to pathology from this surgical event.

- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
- 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy

Specimen sent to pathology from this surgical event.
--

Procedures coded 30 include, but are not limited to:

Anterior resection Hartmann's operation Low anterior resection (LAR) Partial colectomy, NOS Rectosigmoidectomy, NOS Sigmoidectomy
--

- 30 Wedge or segmental resection; partial proctosigmoidectomy, NOS

APPENDIX C
SITE-SPECIFIC SURGERY CODES

RECTOSIGMOID
C19.9

SURGERY OF PRIMARY SITE, continued

Procedures coded 40 include but are not limited to:
--

Altemeier's operation Duhamel's operation Soave's submucosal resection Swenson's operation Turnbull's operation

40 Pull through WITH sphincter preservation (colo-anal anastomosis)

Procedures coded 50 include but are not limited to:
--

Abdominoperineal resection (A & P resection) Anterior/posterior resection (A/P resection)/Miles' operation Rankin's operation

50 Total proctectomy

51 Total colectomy

Removal of the colon from cecum to the rectosigmoid or a portion of the rectum
--

60 Combination of 50 and 51

70 Colectomy or proctocolectomy WITH an en bloc resection of other organs; pelvic exenteration

EN BLOC RESECTION is the removal of organs in one piece at one time. Procedures that may be a part of an en bloc resection include, but are not limited to: an oophorectomy and a rectal mucosectomy.
--

Code 70 includes any colectomy (partial, hemicolectomy, or total) WITH an en bloc resection of any other organs. There may be partial or total removal of other organs in continuity with the primary.
--

80 Colectomy, NOS; Proctectomy, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

RECTOSIGMOID
C19.9

SCOPE OF REGIONAL LYMPH NODE SURGERY

The pathology report often identifies regional lymph nodes by their anatomic location: colic; mesenteric; peri-/para-/ colic; perirectal; rectal.

The specific regional lymph nodes are:

Inferior mesenteric
Left colic
Middle rectal (hemorrhoidal)
Perirectal
Sigmoid mesenteric
Sigmoidal
Superior rectal (superior hemorrhoidal)

Superior mesenteric, external iliac and common iliac nodes are distant nodes. Code removal of these nodes under the data item "Surgery of Other Regional Site(s), Distant Site(s), or Distant Lymph Node(s)."

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

RECTOSIGMOID
C19.9

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S), OR DISTANT LYMPH NODE(S)

DO NOT CODE the incidental removal of appendix, gallbladder, or bile ducts. Incidental removal is when an organ is removed for a reason unrelated to the malignancy (gallbladder removed for obvious cholelithiasis).

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Removal of other regional site(s), ONLY
 - 3 Removal/surgical ablation of single liver metastasis
 - 4 Removal/surgical ablation of multiple liver metastases
 - 5 Combination of codes 2 and 3 or 4
 - 6 Removal of other distant site(s) or distant lymph node(s), ONLY
 - 7 Combination of code 6 WITH 3, 4 or 5
 - 8 Combination of code 6 WITH 3 or 5
- 9 Unknown; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

RECTUM
C20.9

SURGERY OF PRIMARY SITE

CODE removal/surgical ablation of single or multiple liver metastases under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
 - 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser

No specimen sent to pathology from this surgical event.

- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
 - 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy
 - 28 Curette and fulguration

Specimen sent to pathology from this surgical event.
--

Procedures coded 30 include, but are not limited to:

Anterior resection Hartmann's operation Low anterior resection (LAR) Trans-sacral rectosigmoidectomy

- 30 Wedge or segmental resection; partial proctectomy, NOS

APPENDIX C
SITE-SPECIFIC SURGERY CODES

RECTUM
C20.9

SURGERY OF PRIMARY SITE, continued

Procedures coded 40 include but are not limited to:
--

Altemeier's operation Duhamel's operation Soave's submucosal resection Swenson's operation Turnbull's operation

40 Pull through WITH sphincter preservation (colo-anal anastomosis)

Procedures coded 50 include but are not limited to:
--

Abdominoperineal resection (A & P resection) Anterior/Posterior (A/P) resection/Miles' operation Rankin's operation

50 Total proctectomy

60 Total proctocolectomy, NOS

70 Proctectomy or proctocolectomy WITH an en bloc resection of other organs; pelvic exenteration

EN BLOC RESECTION is the removal of organs in one piece at one time.

80 Proctectomy, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

RECTUM
C20.9

SCOPE OF REGIONAL LYMPH NODE SURGERY

The pathology report often identifies regional lymph nodes by their anatomic location: mesenteric nodes; perirectal nodes; rectal nodes.

The specific regional lymph nodes are:

Inferior rectal (hemorrhoidal)
Inferior mesenteric
Internal iliac
Lateral sacral
Middle rectal (hemorrhoidal)
Perirectal
Presacral
Sacral promontory (Gerota's)
Sigmoid mesenteric
Superior rectal (hemorrhoidal)

Superior mesenteric, external iliac and common iliac nodes are classified as distant lymph nodes.
Code removal of these nodes under the data item "Surgery of Other Regional Site(s), Distant Site(s), or Distant Lymph Node(s)."

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

RECTUM
C20.9

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S), OR DISTANT LYMPH NODE(S)

DO NOT CODE the incidental removal of appendix, gallbladder, bile ducts, or spleen. Incidental removal is when an organ is removed for a reason unrelated to the malignancy (gallbladder removed for obvious cholelithiasis).

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Removal of other regional site(s), ONLY
 - 3 Removal/surgical ablation of single liver metastasis
 - 4 Removal/surgical ablation of multiple liver metastases
 - 5 Combination of codes 2 with 3 or 4
- 6 Removal of other distant site(s) or distant lymph node(s), ONLY
 - 7 Combination of code 6 WITH 3, 4 or 5
 - 8 Combination of code 6 WITH 3 or 5
- 9 Unknown; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

ANUS
C21.0-C21.8

SURGERY OF PRIMARY SITE

Codes

00 None; no cancer-directed surgery of primary site

Procedures for codes 10-14 include, but are not limited to:
--

Cryosurgery Electrocautery Excisional biopsy Laser Thermal ablation

10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)

11 Photodynamic therapy (PDT)

12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)

13 Cryosurgery

14 Laser

No specimen sent to pathology from this surgical event.

20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)

21 Photodynamic therapy (PDT)

22 Electrocautery

23 Cryosurgery

24 Laser ablation

25 Laser excision

26 Polypectomy

27 Excisional biopsy

Specimen sent to pathology from this surgical event.
--

Margins of resection may have microscopic involvement.
--

60 Abdominal perineal resection, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

ANUS
C21.0-C21.8

SCOPE OF REGIONAL LYMPH NODE SURGERY

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
 - 2 Perirectal, anorectal lymph nodes
 - 3 Internal iliac lymph nodes (hypogastric), unilateral
 - 4 Inguinal lymph nodes, unilateral
 - 5 Combination of 2 and 4
 - 6 Bilateral internal iliac and/or bilateral inguinal lymph nodes
- 9 Unknown; not stated; death certificate ONLY

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 90 or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

ANUS
C21.0-C21.8

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional sites
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

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APPENDIX C
SITE-SPECIFIC SURGERY CODES

LIVER AND INTRAHEPATIC BILE DUCTS
C22.0-C22.1

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS
 - 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser
 - 15 Alcohol (PEI)
 - 16 Heat
 - 17 Other (ultrasound, acetic acid)
- 20 Wedge resection, NOS; segmental resection
- 30 Lobectomy, NOS
 - 31 Simple
 - 32 Extended

Extended lobectomy: resection of a single lobe plus a segment of another lobe.
- 40 Excision of a bile duct (for an intrahepatic bile duct primary only)
- 70 Total hepatectomy with transplant

Liver transplant must also be coded under the data item
"Reconstruction/Restoration."
- 80 Hepatectomy, NOS
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

LIVER AND INTRAHEPATIC BILE DUCTS
C22.0-C22.1

SCOPE OF REGIONAL LYMPH NODE SURGERY

Regional lymph nodes are the hilar nodes:
Along the portal vein Along the inferior vena cava Along the proper hepatic artery At the hepatic pedicle

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate ONLY

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

LIVER AND INTRAHEPATIC BILE DUCTS
C22.0-C22.1

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional sites
 - 3 Distant lymph node(s) (includes inferior phrenic lymph nodes)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

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APPENDIX C
SITE-SPECIFIC SURGERY CODES

PANCREAS
C25.0-C25.9

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local excision of tumor, NOS
- 20 Partial pancreatectomy, NOS
- 40 Total pancreatectomy
- 50 Local or partial pancreatectomy and duodenectomy
 - 51 Without subtotal gastrectomy
 - 52 With subtotal gastrectomy (Whipple)
- 60 Total pancreatectomy and subtotal gastrectomy or duodenectomy
- 70 Extended pancreatoduodenectomy
- 80 Pancreatectomy, NOS
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

PANCREAS
C25.0-C25.9

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:
Celiac (head only) Hepatic artery Infrapyloric (head only) Lateral aortic Pancreaticocolic (body and tail only) Peripancreatic (superior, inferior, anterior, posterior splenic) Retroperitoneal Splenic (body and tail only) Subpyloric (head only) Superior mesenteric

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 2 Extended lymphadenectomy

An extended pancreaticoduodenectomy incorporates selected aspects of the Whipple procedure and regional pancreatectomy. A wide Kocher maneuver removes all lymphatic tissue over the medial aspect of the right kidney, inferior vena cava, and left renal vein.
--

- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

PANCREAS
C25.0-C25.9

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Removal of other regional sites, ONLY
 - 3 Removal of distant node(s)
 - 4 Removal of distant site
 - 5 Combination of 2 WITH 3 and/or 4
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

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APPENDIX C
SITE-SPECIFIC SURGERY CODES

LARYNX
C32.0-C32.9

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
- 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser
 - 15 Stripping
- No specimen sent to pathology from this surgical event.
- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
- 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy
 - 28 Stripping
- Specimen sent to pathology from this surgical event.
- 30 Partial excision of the primary site, NOS; subtotal/partial laryngectomy NOS; hemilaryngectomy NOS
- 31 Vertical laryngectomy
 - 32 Anterior commissure laryngectomy
 - 33 Supraglottic laryngectomy
- 40 Total or radical laryngectomy, NOS
- 41 Total laryngectomy ONLY
 - 42 Radical laryngectomy ONLY
- 50 Pharyngolaryngectomy
- 80 Laryngectomy, NOS
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

LARYNX
C32.0-C32.9

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional cervical lymph nodes are:

Buccal (facial)
Caudal jugular (deep cervical)
Cranial jugular (deep cervical)
Dorsal cervical (superficial cervical)
Medial jugular (deep cervical)
Occipital
Paratracheal (anterior cervical)
Parotid
Prelaryngeal (anterior cervical)
Retroauricular (mastoid, posterior auricular)
Retropharyngeal
Submandibular (submaxillary)
Submental
Supraclavicular

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
 - 2 Neck dissection, NOS
 - 3 Selective, limited; nodal sampling; “berry picking”
 - 4 Modified/modified radical
 - 5 Radical
- 9 Unknown; not stated; death certificate ONLY

Terminology of neck dissection (Robbins et al. 1991):

A radical neck dissection includes the removal of all ipsilateral cervical lymph node groups, i.e., lymph nodes from levels I through V (submental, submandibular, cranial jugular, medial jugular, caudal jugular, dorsal cervical nodes along the accessory nerve, and supraclavicular), and removal of the spinal accessory nerve, internal jugular vein and sternocleidomastoid muscle.

In a modified radical neck dissection the same lymph nodes are removed as in a radical neck dissection; however, one or more non-lymphatic structures are preserved.

A selective neck dissection is a neck dissection with preservation of one or more lymph node groups routinely removed in radical neck dissection.

APPENDIX C
SITE-SPECIFIC SURGERY CODES

LARYNX
C32.0-C32.9

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional sites
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

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APPENDIX C
SITE-SPECIFIC SURGERY CODES

LUNG
C34.0 - C34.9

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction or excision, NOS
 - 11 Excision
 - 12 Laser ablation or excision
 - 13 Cautery; fulguration
 - 14 Bronchial sleeve resection ONLY
- 20 Resection of less than one lobe
 - 21 Wedge resection
 - 22 Segmental resection, including lingulectomy
- 30 Resection of at least one lobe, but less than the whole lung (partial pneumonectomy, NOS)
 - 31 Lobectomy
 - 32 Bilobectomy

Procedures coded 40 include, but are not limited to:

Complete pneumonectomy Pneumonectomy, NOS Sleeve pneumonectomy Standard pneumonectomy Total pneumonectomy

- 40 Resection of whole lung
- 50 Resection of lung **WITH an en bloc resection of other organs**
 - 51 Wedge resection
 - 52 Lobectomy
 - 53 Bilobectomy
 - 54 Pneumonectomy (less than a radical or extended pneumonectomy)

EN BLOC resection is the removal of organs in one piece at one time.

- 60 Radical pneumonectomy

Radical pneumonectomy is a complete pneumonectomy WITH removal of mediastinal lymph nodes. Removal of mediastinal nodes is also coded in the data fields "Scope of Regional Lymph Node Surgery" and "Number of Regional Nodes Examined."
--

APPENDIX C
SITE-SPECIFIC SURGERY CODES

LUNG
C34.0 - C34.9

SURGERY OF PRIMARY SITE, continued

70 Extended radical pneumonectomy

An extended radical pneumonectomy is a radical pneumonectomy (including removal of mediastinal nodes) and the removal of other tissues or nodes. Removal of mediastinal nodes is also coded in the data fields "Scope of Regional Lymph Node Surgery" and "Number of Regional Nodes Examined."

80 Resection of lung, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate ONLY

SCOPE OF REGIONAL LYMPH NODE SURGERY

Mediastinal nodes are:

Aortic (includes subaortic, aortopulmonary window, periaortic, including ascending aorta or including azygos)
Periesophageal
Peritracheal (including those that may be designated tracheobronchial, i.e., lower peritracheal, phrenic)
Pre- and retrotracheal (includes precarinal)
Pulmonary ligament
Subcarinal

CODE

0 No regional lymph nodes removed

1 Regional lymph node(s) removed, NOS

2 Intrapulmonary (includes interlobar, lobar, segmental), ipsilateral hilar and/or ipsilateral peribronchial nodes

3 Ipsilateral mediastinal and/or subcarinal nodes

4 Combination of 2 and 3

5 Contralateral mediastinal, contralateral hilar, ipsilateral or contralateral scalene and/or supraclavicular nodes

6 Combination of 5 WITH 2 or 3

9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

LUNG
C34.0 - C34.9

NUMBER OF REGIONAL NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

LUNG
C34.0 - C34.9

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S), OR DISTANT LYMPH NODE(S)

DO NOT CODE the incidental removal of ribs. Ribs are removed to provide access to the lung.

Codes

- 0 None; no surgery to other regional sites, distant sites or distant lymph nodes
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
- 2 Surgery to a regional site ONLY
 - 3 Removal of a solitary lesion in the same lung (primary site), different (non-primary) lobe

There is one primary. Patient has two tumors with the same histology in different lobes of the same lung.
 - 4 Resection of metastasis in a distant site(s) or resection of distant lymph nodes(s), NOS
 - 5 Removal of a solitary lesion in the contralateral lung

Patient has one primary. There is a primary tumor or tumor(s) in one lung and a solitary metastatic lesion in the contralateral lung.
 - 6 Removal of a solitary lesion in a distant site or a distant lymph node, NOS

This includes, but is not limited to the removal of a solitary metastatic brain lesion.
 - 7 Removal of multiple lesions in distant site(s)
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

BONES, JOINTS, AND ARTICULAR CARTILAGE C40.0 - C41.9
PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM C47.0 - C47.9
CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES C49.0 - C49.9

SURGERY OF PRIMARY SITE

Codes

- 10 Local tumor destruction or excision
- 20 Partial resection/internal hemipelvectomy (pelvis)
- 30 Radical excision or resection of lesion with limb salvage
- 40 Amputation of limb
 - 41 Partial amputation of limb
 - 42 Total amputation of limb
- 50 Major amputation, NOS
 - 51 Forequarter, including scapula
 - 52 Hindquarter, including ilium/hip bone
 - 53 Hemipelvectomy
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

SCOPE OF REGIONAL LYMPH NODE SURGERY

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

BONES, JOINTS, AND ARTICULAR CARTILAGE C40.0 - C41.9
PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM C47.0 - C47.9
CONNECTIVE, SUBCUTANEOUS AND OTHER SOFT TISSUES C49.0 - C49.9

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional site(s)
 - 5 Distant lymph node(s)
 - 6 Distant site(s)
 - 7 Combination of 6 WITH 2 or 5
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

SPLEEN AND LYMPH NODES
Spleen C42.2, Lymph Nodes C77.0 - C77.9

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local excision, destruction, NOS
- 20 Splenectomy, NOS
 - 21 Partial splenectomy
 - 22 Total splenectomy
- 30 Lymph node dissection, NOS
 - 31 One chain
 - 32 Two or more chains
- 40 Lymph node dissection, NOS plus splenectomy
 - 41 One chain
 - 42 Two or more chains
- 50 Lymph node dissection, NOS and partial/total removal of adjacent organ(s)
 - 51 One chain
 - 52 Two or more chains
- 60 Lymph node dissection, NOS and partial/total removal of adjacent organ(s) PLUS splenectomy
 - 61 One chain
 - 62 Two or more chains
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

SCOPE OF REGIONAL LYMPH NODE SURGERY (SPLEEN ONLY)

Note: For a lymph node primary, code this field as '9.'

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

SPLEEN AND LYMPH NODES
Spleen C42.2, Lymph Nodes C77.0 - C77.9

NUMBER OF REGIONAL LYMPH NODES EXAMINED (SPLEEN ONLY)

Note: For a lymph node primary, code this field as '99.'

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional site(s)
 - 5 Distant lymph node(s)
 - 6 Distant site(s)
 - 7 Combination of 6 WITH 2 or 5
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

SKIN
C44.0 - C44.9

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
- 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser ablation

No specimen sent to pathology from this surgical event.

- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
- 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy

Specimen sent to pathology from this surgical event.

- 30 Biopsy of primary tumor followed by a gross excision of the lesion
- 31 Shave biopsy followed by a gross excision of the lesion
 - 32 Punch biopsy followed by a gross excision of the lesion
 - 33 Incisional biopsy followed by a gross excision of the lesion

Less than a wide excision, less than 1 cm margin.

- 40 Wide excision or re-excision of lesion or minor (local) amputation, NOS

Margins of excision are 1 cm or more. Margins may be microscopically involved.

Local amputation is the surgical resection of digits, ear, eyelid, lip, or nose.

- 50 Radical excision of a lesion, NOS

Margins of excision are greater than 1 cm and grossly tumor-free. The margins may be microscopically involved.

APPENDIX C
SITE-SPECIFIC SURGERY CODES

SKIN
C44.0 - C44.9

SURGERY OF PRIMARY SITE, continued

- 60 Major amputation, NOS
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

SCOPE OF REGIONAL LYMPH NODE SURGERY

Regional lymph nodes are different for each anatomical subsite.

Head, neck	Cervical, ipsilateral preauricular, submandibular, and supraclavicular
Thorax	Ipsilateral axillary
Arm	Ipsilateral epitrochlear and axillary
Abdomen, loins, and buttocks	Ipsilateral inguinal
Anal margin and perianal skin	Ipsilateral inguinal
Leg	Ipsilateral inguinal and popliteal

There are boundary zones between the subsites (i.e., between the thorax and arm, the boundary zone is the shoulder and axilla). The boundary zones do not belong to either subsite. If a tumor originates in one of these 4 cm boundary zones, the nodes on either side of the bands are regional.

BETWEEN THE SUBSITES			THE BOUNDARY ZONE IS
Head and neck	AND	Thorax	Clavicle-acromion-upper shoulder blade edge
Thorax	AND	Arm	Shoulder-axilla-shoulder
Thorax	AND	Abdomen, loins, and buttocks	Front: Middle between navel and costal arch Back: Lower border of thoracic vertebrae (midtransverse axis)
Abdomen, loins, and buttock	AND	Leg	Groin-trochanter-gluteal sulcus
Right	AND	Left	Midline

APPENDIX C
SITE-SPECIFIC SURGERY CODES

SKIN
C44.0 - C44.9

SCOPE OF REGIONAL LYMPH NODE SURGERY, continued

Iliac, other pelvic, abdominal or intrathoracic lymph nodes are distant. Code the removal of these nodes under the data item "Surgery of Other Regional Site(s), Distant Site(s), or Distant Node(s)."
--

Codes

0 No regional lymph nodes removed

1 Sentinel node, NOS

A sentinel node is the first node to receive drainage from a primary tumor. It is identified by an injection of a dye or radio label at the site of the primary tumor

2 Regional lymph nodes removed, NOS

9 Unknown; not stated; death certificate ONLY

NUMBER OF REGIONAL NODES EXAMINED

Codes

00 No regional lymph nodes examined

01 One regional lymph node examined

02 Two regional lymph nodes examined

..

90 Ninety or more regional lymph nodes examined

95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed

96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated

97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated

98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection

99 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

SKIN
C44.0 - C44.9

**SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH
NODE(S)**

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional sites
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

BREAST
C50.0 - C50.9

SURGERY OF PRIMARY SITE

CODE

00 None; no cancer-directed surgery of primary site

Procedures coded as 10-17 remove the gross primary tumor and some of the breast tissue (breast-conserving or preserving). There may be microscopic residual tumor.

10 Partial mastectomy, NOS; less than total mastectomy, NOS

11 Nipple resection

12 Lumpectomy or excisional biopsy

13 Re-excision of the biopsy site for gross or microscopic residual disease.

14 Wedge resection

15 Quadrantectomy

16 Segmental mastectomy

17 Tylectomy

30 Subcutaneous mastectomy

A subcutaneous mastectomy is the removal of breast tissue without the nipple and areolar complex or overlying skin. **THIS PROCEDURE IS RARELY PERFORMED TO TREAT MALIGNANCIES.**

40 Total (simple) mastectomy, NOS

41 WITHOUT removal of uninvolved contralateral breast

42 WITH removal of uninvolved contralateral breast

A simple mastectomy removes all breast tissue, the nipple, and areolar complex. An axillary dissection is not done.

For single primaries only, code removal of involved contralateral breast under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

APPENDIX C
SITE-SPECIFIC SURGERY CODES

BREAST
C50.0 - C50.9

SURGERY OF PRIMARY SITE, continued

50 Modified radical mastectomy

51 WITHOUT removal of uninvolved contralateral breast

52 WITH removal of uninvolved contralateral breast

Removes all breast tissue, the nipple, the areolar complex, and variable amounts of breast skin. The procedure involves an en bloc resection of the axilla. The specimen may or may not include a portion of the pectoralis major muscle. Includes an en bloc axillary dissection.

For single primaries only, code removal of involved contralateral breast under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

60 Radical mastectomy, NOS

61 WITHOUT removal of uninvolved contralateral breast

62 WITH removal of uninvolved contralateral breast

Removal of breast tissue, nipple, areolar complex, a variable amount of skin, pectoralis minor, and pectoralis major. Includes an en bloc axillary dissection.

For single primaries only, code removal of involved contralateral breast under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

70 Extended radical mastectomy

71 WITHOUT removal of uninvolved contralateral breast

72 WITH removal of uninvolved contralateral breast

Removal of breast tissue, nipple, areolar complex, variable amounts of skin, pectoralis minor, and pectoralis major. Includes removal of internal mammary nodes and an en bloc axillary dissection.

For single primaries only, code removal of involved contralateral breast under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

80 Mastectomy, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

BREAST
C50.0 - C50.9

SCOPE OF REGIONAL LYMPH NODE SURGERY

0 No regional lymph nodes removed

1 Sentinel lymph node(s) removed

A sentinel node is the first node to receive drainage from a primary tumor. It is identified by an injection of a dye or radio label at the site of the primary tumor

2 Regional lymph node(s) removed, NOS; axillary, NOS (Levels I, II, or III lymph nodes)
Intramammary, NOS

3 Combination of 1 and 2

4 Internal mammary

5 Combination of 4 WITH any of 1-3

9 Unknown; not stated; death certificate ONLY

NUMBER OF REGIONAL LYMPH NODES EXAMINED

00 No regional lymph nodes examined

01 One regional lymph node examined

02 Two regional lymph nodes examined

..

90 Ninety or more regional lymph nodes examined

95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed

96 Regional lymph node removal documented as a sampling and number of lymph nodes examined
unknown/not stated

97 Regional lymph node removal documented as dissection and number of lymph nodes examined
unknown/not stated

98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated
and not documented as sampling or dissection

99 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

BREAST
C50.0 - C50.9

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

DO NOT CODE removal of fragments or tags of muscles; removal of the pectoralis minor; the resection of pectoralis muscles, NOS; or the resection of fascia with no mention of muscle.

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional site(s)
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Removal of involved contralateral breast (single primary only)
 - 6 Combination of 4 or 5 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

RECONSTRUCTION - FIRST COURSE

The insertion of a tissue expander is often the beginning of the reconstructive procedure.

Codes

- 0 No reconstruction/restoration
- 1 Reconstruction, NOS (unknown if flap)
 - 2 Implant; reconstruction WITHOUT flap
 - 3 Reconstruction WITH flap, NOS
 - 4 Latissimus dorsi flap
 - 5 Abdominis recti flap
 - 6 Flap, NOS + implant
 - 7 Latissimus dorsi flap + implant
 - 8 Abdominis recti + implant
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

CERVIX UTERI
C53.0 - C53.9

SURGERY OF PRIMARY SITE

FOR INVASIVE CANCERS, dilatation and curettage is considered an incisional biopsy and is not coded as site-specific surgery.

Codes

00 None; no cancer-directed surgery of primary site

10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)

11 Photodynamic therapy (PDT)

12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)

13 Cryosurgery

14 Laser

15 LEEP

No specimen sent to pathology from this surgical event.

20 Local tumor destruction or excision, NOS (**WITH PATHOLOGY SPECIMEN**)

21 Electrocautery

22 Cryosurgery

23 Laser

24 Cone biopsy **WITH** gross excision of lesion

25 Dilatation and curettage; endocervical curettage (cancer-directed for in situ only)

26 Excisional biopsy, NOS

27 Cone biopsy

28 LEEP

29 Trachelectomy; removal of cervical stump; cervicectomy

Specimen sent to pathology from this surgical event.

30 Total hysterectomy (simple, pan-) **WITHOUT** removal of tubes and ovaries

Total hysterectomy removes both the corpus and cervix uteri and may also include a portion of vaginal cuff.

40 Total hysterectomy (simple, pan-) **WITH** removal of tubes or ovary

Total hysterectomy removes both the corpus and cervix uteri and may also include a portion of vaginal cuff.

APPENDIX C
SITE-SPECIFIC SURGERY CODES

CERVIX UTERI
C53.0 - C53.9

SURGERY OF PRIMARY SITE, continued

- 50 Modified radical or extended hysterectomy; radical hysterectomy; extended radical hysterectomy
 - 51 Modified radical hysterectomy
 - 52 Extended hysterectomy
 - 53 Radical hysterectomy; Wertheim's procedure
 - 54 Extended radical hysterectomy

- 60 Hysterectomy, NOS, WITH or WITHOUT removal of tubes and ovaries
 - 61 WITHOUT removal of tubes and ovaries
 - 62 WITH removal of tubes and ovaries

- 70 Pelvic exenteration
 - 71 Anterior exenteration

Includes bladder, distal ureters, and genital organs WITH their ligamentous attachments and pelvic lymph nodes. The removal of pelvic lymph nodes is also coded under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

- 72 Posterior exenteration

Includes rectum and rectosigmoid WITH ligamentous attachments and pelvic lymph nodes. The removal of pelvic lymph nodes is also coded under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

- 73 Total exenteration

Includes removal of all pelvic contents and pelvic lymph nodes. The removal of pelvic lymph nodes is also coded under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

- 74 Extended exenteration

Includes pelvic blood vessels or bony pelvis

- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

CERVIX UTERI
C53.0 - C53.9

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:
Common iliac External iliac Hypogastric (obturator) Internal iliac Paracervical Parametrial Presacral Sacral

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate ONLY

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

CERVIX UTERI
C53.0 - C53.9

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

DO NOT CODE the incidental removal of an appendix. **DO NOT CODE** an omentectomy **IF** it was the only surgery performed in addition to hysterectomy. Incidental removal is when an organ is removed for a reason unrelated to the malignancy.

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional site(s)
 - 3 Distant lymph node(s), NOS
 - 4 Periaortic lymph nodes
 - 5 Distant site(s)
 - 6 Combinations of 5 with 4
 - 7 Combination of 5 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

CORPUS UTERI
C54.0 - C55.9

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
- 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser
 - 15 LEEP

No specimen sent to pathology from this surgical event.

Procedures in code 20 include but are not limited to:
--

Cryosurgery Electrocautery Excisional biopsy Laser ablation Thermal ablation
--

- 20 Local tumor destruction or excision, NOS; simple excision, NOS (**WITH PATHOLOGY SPECIMEN**)
- 21 Electrocautery
 - 22 Cryosurgery
 - 23 Laser
 - 24 Excisional biopsy
 - 25 Polypectomy
 - 26 Myomectomy

Specimen sent to pathology from this surgical event.
--

Margins of resection may have microscopic involvement.
--

APPENDIX C
SITE-SPECIFIC SURGERY CODES

CORPUS UTERI
C54.0 - C55.9

SURGERY OF PRIMARY SITE, continued

30 Subtotal hysterectomy/supracervical hysterectomy/fundectomy WITH or WITHOUT removal of tube(s) and ovary(ies).

31 WITHOUT tube(s) and ovary (ies)

32 WITH tube(s) and ovary (ies)

Cervix left in place

40 Total hysterectomy (simple, pan-) WITHOUT removal of tube(s) and ovary (ies)

Removes both the corpus and cervix uteri. It may also include a portion of the vaginal cuff.

50 Total hysterectomy (simple, pan-) WITH removal of tube(s) or ovary (ies)

Removes both the corpus and cervix uteri. It may also include a portion of the vaginal cuff.

60 Modified radical or extended hysterectomy; radical hysterectomy; extended radical hysterectomy

61 Modified radical hysterectomy

62 Extended hysterectomy

63 Radical hysterectomy; Wertheim's procedure

64 Extended radical hysterectomy

70 Hysterectomy, NOS, WITH or WITHOUT removal of tube(s) and ovary(ies)

71 WITHOUT removal of tube(s) and ovary(ies)

72 WITH removal of tube(s) and ovary(ies)

80 Pelvic exenteration

81 Anterior exenteration

Includes bladder, distal ureters, and genital organs WITH their ligamentous attachments and pelvic lymph nodes. The removal of pelvic lymph nodes is also coded under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

82 Posterior exenteration

Includes rectum and rectosigmoid WITH ligamentous attachments and pelvic lymph nodes. The removal of pelvic lymph nodes is also coded under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

APPENDIX C
SITE-SPECIFIC SURGERY CODES

CORPUS UTERI
C54.0 - C55.9

SURGERY OF PRIMARY SITE, continued

83 Total exenteration

Includes removal of all pelvic contents and pelvic lymph nodes. The removal of pelvic lymph nodes is also coded under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."
--

84 Extended exenteration

Includes pelvic blood vessels or bony pelvis
--

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate ONLY

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:
Common iliac and external iliac Hypogastric (obturator) Para aortic Parametrial Sacral

Codes

0 No regional lymph nodes removed

1 Regional lymph node(s) removed, NOS

2 Pariaortic with or without other regional lymph nodes

9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

CORPUS UTERI
C54.0 - C55.9

NUMBER OF REGIONAL LYMPH NODES EXAMINED

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

DO NOT CODE the incidental removal of the appendix or an omentectomy **IF** it was the only surgery performed in addition to hysterectomy. Incidental removal is when an organ is removed for a reason unrelated to the malignancy.

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional site(s)
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

OVARY
C56.9

SURGERY OF PRIMARY SITE

- 00 None; no cancer-directed surgery of primary site
- 10 Total removal of tumor or (single) ovary, NOS
 - 11 Resection of ovary (wedge, subtotal, or partial) ONLY, NOS; unknown if hysterectomy done
 - 12 WITHOUT hysterectomy
 - 13 WITH hysterectomy
 - 14 Unilateral (salpingo-) oophorectomy; unknown if hysterectomy done
 - 15 WITHOUT hysterectomy
 - 16 WITH hysterectomy
- 20 Bilateral (salpingo-) oophorectomy; unknown if hysterectomy done
 - 21 WITHOUT hysterectomy
 - 22 WITH hysterectomy
- 30 Unilateral or bilateral (salpingo-) oophorectomy **WITH OMENTECTOMY**, NOS; partial or total; unknown if hysterectomy done
 - 31 WITHOUT hysterectomy
 - 32 WITH hysterectomy
- 60 Debulking; cytoreductive surgery, NOS
 - 61 WITH colon (including appendix) and/or small intestine resection (not incidental)
 - 62 WITH partial resection of urinary tract (not incidental)
 - 63 Combination of 61 and 62

Debulking is a partial removal of the tumor mass and can involve the removal of multiple organ sites. It may include removal of ovaries and/or the uterus (a hysterectomy). The pathology report may or may not identify ovarian tissue.

A debulking is usually followed by another treatment modality such as chemotherapy.

- 70 Pelvic exenteration, NOS

- 71 Anterior

Includes bladder, distal ureters, and genital organs WITH their ligamentous attachments and pelvic lymph nodes. The removal of pelvic lymph nodes is also coded under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

- 72 Posterior

Includes rectum and rectosigmoid WITH ligamentous attachments and pelvic lymph nodes. The removal of pelvic lymph nodes is also coded under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

APPENDIX C
SITE-SPECIFIC SURGERY CODES

OVARY
C56.9

SURGERY OF PRIMARY SITE, continued

73 Total

Includes removal of all pelvic contents and pelvic lymph nodes. The removal of pelvic lymph nodes is also coded under the data item "Surgery of Other Regional Site(s), Distant Site(s) or Distant Lymph Node(s)."

74 Extended

Includes pelvic blood vessels or bony pelvis.

80 (Salpingo-) oophorectomy, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate ONLY

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:
Common iliac External iliac Hypogastric (obturator) Inguinal Lateral sacral Para-aortic Pelvic, NOS Retroperitoneal, NOS

Codes

0 No regional lymph nodes removed

1 Regional lymph node(s) removed, NOS

9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

OVARY
C56.9

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

DO NOT CODE an incidental removal of the appendix. Incidental removal is when an organ is removed for a reason unrelated to the malignancy.

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional site(s)
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

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APPENDIX C
SITE-SPECIFIC SURGERY CODES

PROSTATE
C61.9

SURGERY OF PRIMARY SITE

Do not code an orchiectomy in this field. For prostate primaries, orchiectomies are coded in the field "Hormone Therapy."

Codes

00 None; no cancer-directed surgery of primary site

10 Local tumor destruction or excision, NOS

11 Transurethral resection (TURP), NOS

12 TURP - cancer is incidental finding during surgery for benign disease

13 TURP - patient has suspected/known cancer

14 Cryoprostatectomy

15 Laser

16 Hyperthermia

17 Other method of local resection or destruction

30 Subtotal or simple prostatectomy, NOS

A segmental resection or enucleation leaving the capsule intact.

40 Less than total prostatectomy, NOS

An enucleation using an instrument such as a Vaportrode which may leave all or part of the capsule intact.

50 Radical prostatectomy, NOS; total prostatectomy, NOS

Excised prostate, prostatic capsule, ejaculatory ducts, seminal vesicle(s) and may include a narrow cuff of bladder neck.

70 Prostatectomy WITH en bloc resection of other organs; pelvic exenteration

Surgeries coded 70 are any prostatectomy WITH an en bloc resection of any other organs. The other organs may be partially or totally removed in continuity with the primary.

EN BLOC RESECTION is the removal of organs in one piece at one time. Procedures that may involve an en bloc resection include, but are not limited to: cystoprostatectomy, radical cystectomy and prostatectomy.

80 Prostatectomy, NOS

90 Surgery, NOS

99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

PROSTATE
C61.9

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:
Hypogastric Iliac, NOS (internal and external) Obturator Pelvic, NOS Periprostatic Sacral, NOS (lateral presacral, promontory [Gerota's] or NOS)

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate ONLY

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of nodes unknown /not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

PROSTATE
C61.9

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S), OR DISTANT LYMPH NODE(S)

DO NOT CODE orchiectomy. For prostate primaries, code orchiectomies under “Hormone Therapy.”

The most commonly removed distant lymph nodes are: aortic (para-aortic, peri-aortic, lumbar), common iliac, inguinal, superficial inguinal (femoral), supraclavicular, cervical, and scalene.

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional site(s)
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

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APPENDIX C
SITE-SPECIFIC SURGERY CODES

TESTIS
C62.0-C62.9

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local or partial excision of testicle
- 30 Excision of testicle, NOS WITHOUT cord
- 40 Excision of testicle, NOS WITH cord/or cord not mentioned
- 80 Orchiectomy, NOS
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:
Interaortocaval Paraaortic (Periaortic) Paracaval Preaortic Precaval Retroaortic Retrocaval

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS; not stated if bilateral or unilateral
 - 2 Unilateral regional lymph nodes
 - 3 Bilateral regional lymph nodes
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

TESTIS
C62.0-C62.9

NUMBER OF REGIONAL NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional sites
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

KIDNEY, RENAL PELVIS, AND URETER
Kidney C64.9, Renal Pelvis C65.9, Ureter C66.9

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
- 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser

No specimen sent to pathology from this surgical event.

- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
- 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy

Specimen sent to pathology from this surgical event.

Procedures coded 30 include, but are not limited to:

Cryosurgery
Electrocautery
Excisional biopsy
Laser
Segmental resection
Thermal ablation
Wedge resection

- 30 Partial or subtotal nephrectomy (kidney or renal pelvis) or partial ureterectomy (ureter)

Margins of resection are grossly negative. There may be microscopic involvement.

APPENDIX C
SITE-SPECIFIC SURGERY CODES

KIDNEY, RENAL PELVIS, AND URETER
Kidney C64.9, Renal Pelvis C65.9, Ureter C66.9

SURGERY OF PRIMARY SITE, continued

- 40 Complete/total/simple nephrectomy - for kidney parenchyma
Nephroureterectomy

Includes bladder cuff for renal pelvis or ureter

- 50 Radical nephrectomy

May include removal of a portion of vena cava, adrenal gland(s), Gerota's fascia, perinephric fat, or partial/total ureter

- 70 Any nephrectomy (simple, subtotal, complete, partial, total, radical) **PLUS** an en bloc resection of other organ(s) (colon, bladder)

The other organs, such as colon or bladder, may be partially or totally removed.

- 80 Nephrectomy, NOS
Ureterectomy, NOS

- 90 Surgery, NOS

- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

KIDNEY, RENAL PELVIS, AND URETER
Kidney C64.9, Renal Pelvis C65.9, Ureter C66.9

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are	
Kidney	Aortic (para-aortic, periaortic, lateral aortic) Paracaval Renal hilar Retroperitoneal, NOS
Renal pelvis	Aortic Paracaval Renal hilar Retroperitoneal, NOS
Ureter	Iliac (common, internal [hypogastric], external) Paracaval Pelvic, NOS Periureteral Renal hilar

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS; not stated if bilateral or unilateral
 - 2 Unilateral regional lymph nodes
 - 3 Bilateral regional lymph nodes
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

KIDNEY, RENAL PELVIS, AND URETER
Kidney C64.9, Renal Pelvis C65.9, Ureter C66.9

NUMBER OF REGIONAL NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of nodes unknown /not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

DO NOT CODE the incidental removal of ribs during the operative approach.

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional site(s)
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

BLADDER
C67.0-C67.9

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
 - 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration (includes use of hot forceps for tumor destruction)
 - 13 Cryosurgery
 - 14 Laser

No specimen sent to pathology from this surgical event.

- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
 - 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy (TURB)

Specimen sent to pathology from this surgical event.

- 30 Partial cystectomy
- 50 Simple/total/complete cystectomy
- 60 Radical cystectomy (male only)

This code is used only for men. It involves the removal of bladder and prostate, with or without urethrectomy. The procedure is also called cystoprostatectomy.

If a radical cystectomy is the procedure name for a woman, use code 71.

APPENDIX C
SITE-SPECIFIC SURGERY CODES

BLADDER
C67.0-C67.9

- 70 Pelvic exenteration, NOS
- 71 Radical cystectomy (female only); anterior exenteration
- A radical cystectomy in a female includes removal of bladder, uterus, ovaries, entire vaginal wall and entire urethra.
- 72 Posterior exenteration
- 73 Total exenteration
- Includes removal of all pelvic contents and pelvic lymph nodes.
- 74 Extended exenteration
- Includes pelvic blood vessels or bony pelvis.
- 80 Cystectomy, NOS
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are:
Hypogastric Iliac (internal, external, NOS) Obturator Pelvic, NOS Perivesical, Pericystic Presacral Sacral (lateral, sacral promontory [Gerota's])

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS; not stated if bilateral or unilateral
- 2 Unilateral regional lymph nodes
- 3 Bilateral regional lymph nodes
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

BLADDER
C67.0-C67.9

NUMBER OF REGIONAL NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

DO NOT CODE the partial or total removal of a ureter during a cystectomy.

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional site(s)
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

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APPENDIX C
SITE-SPECIFIC SURGERY CODES

BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM

Meninges C70.0 - C70.9, Brain C71.0 - C71.9

Other Parts of Central Nervous System C72.0 - C72.9

SURGERY OF PRIMARY SITE

DO NOT CODE laminectomies for spinal cord primaries.

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction
- 20 Excision of tumor, lesion, or mass
 - 21 Subtotal resection, NOS
 - 22 Partial resection
 - 23 Debulking
- 30 Excision of tumor, lesion, or mass, NOS
 - 31 Total resection
 - 32 Gross resection
- 40 Partial resection, NOS
 - 41 Partial lobe
 - 42 Partial meninges
 - 43 Partial nerve(s)
- 50 Total resection (lobectomy of brain)
- 60 Radical resection
 - Resection of primary site plus partial or total removal of surrounding organs/tissue
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM
Meninges C70.0 - C70.9, Brain C71.0 - C71.9
Other Parts of Central Nervous System C72.0 - C72.9

SCOPE OF REGIONAL LYMPH NODE SURGERY

There are no regional lymph nodes for brain. Code no regional lymph nodes removed (0). Central nervous system sites, however, have regional lymph nodes.

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate ONLY

NUMBER OF REGIONAL LYMPH NODES EXAMINED

There are no regional lymph nodes for brain. Code no regional lymph nodes examined (00). Central nervous system tumors, however, have regional lymph nodes.

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM
Meninges C70.0 - C70.9, Brain C71.0 - C71.9
Other Parts of Central Nervous System C72.0 - C72.9

**SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH
NODE(S)**

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional site(s)
 - 5 Distant lymph node(s)
 - 6 Distant site(s)
 - 7 Combination of 6 WITH 2 or 5
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

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APPENDIX C
SITE-SPECIFIC SURGERY CODES

THYROID GLAND
C73.9

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Removal of less than a lobe, NOS
 - 11 Local surgical excision
 - 12 Removal of a partial lobe ONLY
- 20 Lobectomy and/or isthmectomy
 - 21 Lobectomy ONLY
 - 22 Isthmectomy ONLY
 - 23 Lobectomy WITH isthmus
- 30 Removal of a lobe and partial removal of the contralateral lobe
- 40 Subtotal or near total thyroidectomy
- 50 Total thyroidectomy
- 80 Thyroidectomy, NOS
- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

THYROID GLAND
C73.9

SCOPE OF REGIONAL LYMPH NODE SURGERY

The regional lymph nodes are the cervical and upper mediastinal lymph nodes.

Terminology of neck dissection (Robbins et al. 1991):

A radical neck dissection includes the removal of all ipsilateral cervical lymph node groups, i.e., lymph nodes from levels I through V (submental, submandibular, cranial jugular, medial jugular, caudal jugular, dorsal cervical nodes along the accessory nerve, and supraclavicular), and removal of the spinal accessory nerve, internal jugular vein and sternocleidomastoid muscle.

In a modified radical neck dissection the same lymph nodes are removed as in a radical neck dissection; however, one or more non-lymphatic structures are preserved.

A selective neck dissection is a neck dissection with preservation of one or more lymph node groups routinely removed in radical neck dissection.

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
 - 2 Neck dissection, NOS
 - 3 Selective, limited; nodal sampling; “berry picking”
 - 4 Modified/modified radical
 - 5 Radical
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

THYROID GLAND
C73.9

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
- ..
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH NODE(S)

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional site(s)
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

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APPENDIX C
SITE-SPECIFIC SURGERY CODES

ALL OTHER SITES

**C14.1 - C14.8, C17.0 - C17.9, C23.9, C24.0 - C24.9, C26.0 - C26.9, C30.0 - C30.1, C31.0 - C31.9,
C33.9, C37.9, C38.0 - C38.8, C39.0 - C39.9, C42.0 - C42.1, C42.3 - C42.4, C48.0 - C48.8,
C51.0 - C51.9, C52.9, C57.0 - C57.9, C58.9, C60.0 - C60.9, C63.0 - C63.9, C68.0 - C68.9,
C69.0 - C69.9, C74.0 - C76.8, C80.9**

The following codes apply to these sites:

C14.1 - C14.8	Other and Ill-defined Sites in Lip, Oral Cavity and Pharynx
C17.0 - C17.9	Small Intestine
C23.9	Gallbladder
C24.0 - C24.8	Extrahepatic Bile Duct, Ampulla of Vater, Overlapping lesion of Biliary Tract, Biliary Tract, NOS
C26.0 - C26.9	Intestinal Tract, NOS, Overlapping Lesion of Digestive System, Gastrointestinal Tract, NOS
C30.0 - C30.1	Nasal Cavity, Middle Ear
C31.0 - C31.9	Accessory (paranasal) Sinuses
C33.9	Trachea
C37.9	Thymus
C38.0 - C38.8	Heart, Mediastinum, Pleura
C39.0 - C39.9	Other and Ill-defined Sites within Respiratory System and Intrathoracic Organs
C42.0 - C42.1	Blood, Bone Marrow
C42.3 - C42.4	Reticuloendothelial System, NOS, Hematopoietic System, NOS
C48.0 - C48.8	Retroperitoneum and Peritoneum
C51.0 - C51.9	Vulva
C52.9	Vagina
C57.0 - C57.9	Other and Unspecified Female Genital Organs
C58.9	Placenta
C60.0 - C60.9	Penis
C63.0 - C63.9	Other and Unspecified Male Genital Organs
C68.0 - C68.9	Other and Unspecified Urinary Organs
C69.0 - C69.9	Eye and Adnexa
C74.0 - C75.9	Adrenal Gland, Other Endocrine Glands and Related Structures
C76.0 - C76.8	Other and Ill-defined Sites
C80.9	Unknown Primary Site

APPENDIX C
SITE-SPECIFIC SURGERY CODES

ALL OTHER SITES

**C14.1 - C14.8, C17.0 - C17.9, C23.9, C24.0 - C24.9, C26.0 - C26.9, C30.0 - C30.1, C31.0 - C31.9,
C33.9, C37.9, C38.0 - C38.8, C39.0 - C39.9, C42.0 - C42.1, C42.3 - C42.4, C48.0 - C48.8,
C51.0 - C51.9, C52.9, C57.0 - C57.9, C58.9, C60.0 - C60.9, C63.0 - C63.9, C68.0 - C68.9,
C69.0 - C69.9, C74.0 - C76.8, C80.9**

SURGERY OF PRIMARY SITE

Codes

- 00 None; no cancer-directed surgery of primary site
- 10 Local tumor destruction, NOS (**WITHOUT PATHOLOGY SPECIMEN**)
- 11 Photodynamic therapy (PDT)
 - 12 Electrocautery; fulguration
 - 13 Cryosurgery
 - 14 Laser

No specimen sent to pathology from this surgical event.

- 20 Local tumor excision, NOS (**WITH PATHOLOGY SPECIMEN**)
- 21 Photodynamic therapy (PDT)
 - 22 Electrocautery
 - 23 Cryosurgery
 - 24 Laser ablation
 - 25 Laser excision
 - 26 Polypectomy
 - 27 Excisional biopsy

Specimen sent to pathology from this surgical event.

- 30 Simple/partial surgical removal of primary site
- 40 Total surgical removal of primary site
- 50 Surgery stated to be “debulking”
- 60 Radical surgery

Partial or total removal of the primary site WITH an en bloc resection (partial or total removal) of other organs.

- 90 Surgery, NOS
- 99 Unknown if cancer-directed surgery performed; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

ALL OTHER SITES

**C14.1 - C14.8, C17.0 - C17.9, C23.9, C24.0 - C24.9, C26.0 - C26.9, C30.0 - C30.1, C31.0 - C31.9,
C33.9, C37.9, C38.0 - C38.8, C39.0 - C39.9, C42.0 - C42.1, C42.3 - C42.4, C48.0 - C48.8,
C51.0 - C51.9, C52.9, C57.0 - C57.9, C58.9, C60.0 - C60.9, C63.0 - C63.9, C68.0 - C68.9,
C69.0 - C69.9, C74.0 - C76.8, C80.9**

SCOPE OF REGIONAL LYMPH NODE SURGERY

Codes

- 0 No regional lymph nodes removed
- 1 Regional lymph node(s) removed, NOS
- 9 Unknown; not stated; death certificate ONLY

NUMBER OF REGIONAL LYMPH NODES EXAMINED

Codes

- 00 No regional lymph nodes examined
- 01 One regional lymph node examined
- 02 Two regional lymph nodes examined
-
- 90 Ninety or more regional lymph nodes examined
- 95 No regional lymph node(s) removed but aspiration of regional lymph node(s) was performed
- 96 Regional lymph node removal documented as a sampling and number of lymph nodes examined unknown/not stated
- 97 Regional lymph node removal documented as dissection and number of lymph nodes examined unknown/not stated
- 98 Regional lymph nodes surgically removed but number of lymph nodes examined unknown/not stated and not documented as sampling or dissection
- 99 Unknown; not stated; death certificate ONLY

APPENDIX C
SITE-SPECIFIC SURGERY CODES

ALL OTHER SITES

**C14.1 - C14.8, C17.0 - C17.9, C23.9, C24.0 - C24.9, C26.0 - C26.9, C30.0 - C30.1, C31.0 - C31.9,
C33.9, C37.9, C38.0 - C38.8, C39.0 - C39.9, C42.0 - C42.1, C42.3 - C42.4, C48.0 - C48.8,
C51.0 - C51.9, C52.9, C57.0 - C57.9, C58.9, C60.0 - C60.9, C63.0 - C63.9, C68.0 - C68.9,
C69.0 - C69.9, C74.0 - C76.8, C80.9**

**SURGERY OF OTHER REGIONAL SITE(S), DISTANT SITE(S) OR DISTANT LYMPH
NODE(S)**

Codes

- 0 None; no surgery to other regional or distant sites
- 1 Surgery to other site(s) or node(s), NOS; unknown if regional or distant
 - 2 Other regional sites
 - 3 Distant lymph node(s)
 - 4 Distant site(s)
 - 5 Combination of 4 WITH 2 or 3
- 9 Unknown; not stated; death certificate ONLY

APPENDIX D

TWO-DIGIT SITE-SPECIFIC

SURGERY CODES (1983-1997)

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

ORAL CAVITY
C00.0-C14.8

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Cancer-Directed Surgery

- 10 Electrocautery, or cryosurgery; laser surgery WITHOUT pathology specimen
- 20 Laser surgery WITH pathology specimen; excisional biopsy
- 30 Local surgical excision
- 40 Radical excision
- 50 Local/radical excision WITH (radical) neck dissection
- 70 Radical neck dissection ONLY
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

NOTE: Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

STOMACH
C16.0-C16.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Local surgical excision (includes polypectomy, excision of ulcer, other lesions, or stomach tissue with evidence of cancer)
- 20 Partial*/subtotal/hemigastrectomy: Upper (proximal) portion (may include part of esophagus, i.e., esophagogastrrectomy)
- 30 Partial*/subtotal/hemigastrectomy: Lower (distal) portion (may include part of duodenum, i.e., gastropylorctomy); Billroth I (indicates anastomosis to duodenum); duodenostomy; Billroth II (indicates anastomosis to jejunum); jejunostomy; antrectomy (resection of pyloric antrum of stomach)
- 40 Partial*/subtotal/hemigastrectomy, NOS; resection of portion of stomach, NOS
- 50 Total/near total** gastrectomy (includes resection with pouch left for anastomosis; total gastrectomy following previous partial resection for another cause)
- 60 Gastrectomy, NOS
- 70 Gastrectomy (partial, total, radical) PLUS partial or total removal of other organs
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

* Partial gastrectomy includes sleeve resection of stomach.

** Near total gastrectomy means 80 percent or more.

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

STOMACH (cont.)

*NOTE: Codes 10-70 may include removal of spleen, nodes, omentum, mesentery, or mesocolon.
Ignore incidental removal of gallbladder, bile ducts, appendix, or vagus nerve.
Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as
part of the planned first course of therapy.*

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

COLON (excludes rectosigmoid, rectum)
C18.0-C18.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Local cancer destruction WITHOUT pathology specimen (includes laser surgery, cryosurgery, electrocautery, or fulguration)
- 20 Local surgical excision WITH pathology specimen (includes polypectomy, snare, or laser surgery)
- 30 Partial/subtotal colectomy, but less than hemicolectomy (includes segmental resection, e.g., cecectomy, appendectomy, sigmoidectomy, partial resection of transverse colon and flexures, ileocollectomy, enterocollectomy, and partial/subtotal colectomy, NOS)
- 40 Hemicolectomy or greater (but less than total); right/left colectomy (all of right or left colon and a portion of transverse)
- 50 Total colectomy (beginning with cecum and ending with sigmoid/rectum or part of rectum)
- 60 Colectomy, NOS
- 70 Colectomy (subtotal, hemicolectomy or total) PLUS partial or total removal of other organs
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

COLON (excludes rectosigmoid, rectum) (cont.)

NOTE: Codes 30-70 may include removal of lymph nodes, mesentery, mesocolon, peritoneum, a portion of terminal ileum, or omentum.

Ignore incidental removal of appendix, gallbladder, bile ducts, or spleen.

Codes '10' - '90' have priority over codes '00' - '09.'

Codes '10' - '78' have priority over codes '80' - '90.'

Surgery of primary not included in any category should be coded '90.'

In the range '10' - '78,' the higher code has priority.

Codes '01' - '07' have priority over code '09.'

In the range '01' - '06,' the higher code has priority.

Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'

Codes '01' - '06' have priority over code '07.'

Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.

If not clear from either the operative or pathology report what was removed, but the title of the operative report is hemicolectomy, code as hemicolectomy.

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

RECTOSIGMOID, RECTUM
C19.9, C20.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Local cancer destruction WITHOUT pathology specimen (includes laser surgery, cryosurgery, electrocautery, or fulguration)
- 20 Local surgical excision WITH pathology specimen (includes polypectomy, snare, or laser surgery)
- 30 Anterior/posterior resection, wedge or segmental resection, transsacral rectosigmoidectomy, Hartmann's operation, partial proctectomy, rectal resection, NOS
- 40 Pull-through resection WITH sphincter preservation (e.g., Turnbull's and Swenson's operations, Soave's submucosal resection, Altemeier's operation, and Duhamel's operation)
- 50 Abdominoperineal resection (e.g., Miles' and Rankin's operations), complete proctectomy
- 60 Any of codes 30-50 PLUS partial or total removal of other organs
- 70 Pelvic Exenteration (partial or total)
 - Posterior exenteration (includes rectum and rectosigmoid with ligamentous attachments and pelvic lymph nodes)
 - Total exenteration (includes removal of all pelvic contents and pelvic lymph nodes)
 - Extended exenteration (includes pelvic blood vessels or bony pelvis)
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

RECTOSIGMOID, RECTUM (cont.)

*NOTE: Codes 30-70 may include removal of lymph nodes and/or removal of section of colon.
Ignore incidental removal of gallbladder, bile ducts, or appendix.
Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as
part of the planned first course of therapy.*

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

PANCREAS
C25.0-C25.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Local or partial surgical excision of pancreas
- 20 Total pancreatectomy WITH/WITHOUT splenectomy
- 30 Subtotal gastrectomy, duodenectomy with complete or partial pancreatectomy WITH/WITHOUT splenectomy (Whipple's operation)
- 40 Radical regional (partial) pancreatectomy with lymph node dissection and adjacent soft tissue resection
- 50 Pancreatectomy, NOS
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

NOTE: Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

LARYNX
C32.0-C32.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Laser surgery WITHOUT pathology specimen
- 20 Local surgical excision or destruction of lesion; laser surgery WITH pathology specimen; stripping
- 30 Partial laryngectomy WITH/WITHOUT node dissection
- 40 Total laryngectomy WITHOUT dissection of lymph nodes; total laryngectomy, NOS
- 50 Total laryngectomy WITH dissection of lymph nodes; radical laryngectomy
- 60 Laryngectomy, NOS
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

NOTE: Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

BRONCHUS AND LUNG
C34.0-C34.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Local surgical excision or destruction of lesion
- 20 Partial/wedge/segmental resection, lingulectomy, partial lobectomy, sleeve resection (bronchus only)
- 30 Lobectomy/bilobectomy (includes lobectomy plus segmental/sleeve resection, radical lobectomy, partial pneumonectomy) WITHOUT dissection of lymph nodes
- 40 Lobectomy/bilobectomy (includes lobectomy plus segmental/sleeve resection, radical lobectomy, partial pneumonectomy) WITH dissection of lymph nodes
- 50 Complete/total/standard pneumonectomy (includes hilar and parabronchial lymph nodes); pneumonectomy, NOS
- 60 Radical pneumonectomy (complete pneumonectomy PLUS dissection of mediastinal lymph nodes)
- 70 Extended radical pneumonectomy (includes parietal pleura, pericardium and/or chest wall (with diaphragm) plus lymph nodes)
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY (includes removal of mediastinal mass ONLY)
- 90 Resection of lung, NOS; surgery, NOS

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

BRONCHUS AND LUNG (cont.)

*NOTE: Ignore incidental removal of rib(s) (operative approach).
Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.*

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

**BONE, PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM,
CONNECTIVE AND OTHER SOFT TISSUE**

C40.0-C41.9, C47.0-C47.9, C49.0-C49.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Local or wide excision of lesion
- 20 Resection, partial
Internal hemipelvectomy (pelvis)
- 30 Radical excision/resection
Limb salvage (arm or leg)
- 40 Amputation, partial/total of limb
- 50 Amputation, forequarter (incl. scapula)
Amputation, hindquarter (incl. ilium/hip bone)
Hemipelvectomy
- 60 Excision/resection, NOS
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

**BONE, PERIPHERAL NERVES AND AUTONOMIC NERVOUS SYSTEM,
CONNECTIVE AND OTHER SOFT TISSUE (cont.)**

NOTE: Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

SKIN
C44.0-C44.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Local cancer destruction WITHOUT pathology specimen (includes laser surgery, cryosurgery, fulguration, or electrocauterization)
- 20 Simple excision/excisional biopsy; shave/punch biopsy; local surgical excision; wedge resection; laser surgery WITH pathology specimen; excision, NOS
- 30 Shave/punch biopsy/biopsy, NOS followed by excision of lesion (not a wide excision)
- 40 Wide/re-excision or minor (local) amputation (includes digits, ear, eyelid, lip, nose) WITHOUT lymph node dissection
- 45 Radical excision WITHOUT lymph node dissection
- 50 Codes 10-45 WITH lymph node dissection
- 60 Amputation (other than code 40) WITHOUT lymph node dissection; amputation, NOS
- 70 Amputation (other than in code 40) WITH lymph node dissection
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

SKIN (cont.)

NOTE: Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

BREAST
C50.0-C50.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Partial/less than total mastectomy (includes segmental mastectomy, lumpectomy, quadrantectomy, tylectomy, wedge resection, nipple resection, excisional biopsy, or partial mastectomy, NOS) WITHOUT dissection of axillary lymph nodes
- 20 Partial/less than total mastectomy WITH dissection of axillary lymph nodes
- 30 Subcutaneous mastectomy WITH/WITHOUT dissection of axillary nodes
- 40 Total (simple) mastectomy (breast only) WITHOUT dissection of axillary lymph nodes
- 50 Modified radical/total (simple) mastectomy (may include portion of pectoralis major) WITH dissection of axillary lymph nodes
- 60 Radical mastectomy WITH dissection of majority of pectoralis major WITH dissection of axillary lymph nodes
- 70 Extended radical mastectomy (code 60 PLUS internal mammary node dissection; may include chest wall and ribs)
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Mastectomy, NOS; Surgery, NOS

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

BREAST (cont.)

*NOTE: Codes '10' - '78' apply to unilateral resection of primary cancer.
Ignore removal of fragments or tags of muscle; removal of pectoralis minor; resection of pectoralis muscles, NOS; and resection of fascia with no mention of muscle.
Oophorectomy, adrenalectomy, and hypophysectomy will be coded as Endocrine (Hormone/Steroid) Therapy.
Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.*

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

CERVIX UTERI
C53.0-C53.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Cryosurgery; laser surgery WITHOUT pathology specimen
- 15 Dilatation and curettage (in situ ONLY); endocervical curettage (in situ ONLY)
- 17¹ 10 + 15 (in situ ONLY)
- 20 Local surgical excision; excisional biopsy; trachelectomy; amputation of cervix or cervical stump; laser surgery WITH pathology specimen; conization
- 30 Total/pan/simple hysterectomy (includes both corpus and cervix uteri) WITHOUT removal of tubes and ovaries WITHOUT dissection of lymph nodes
- 35² Total/pan/simple hysterectomy (includes both corpus and cervix uteri) WITHOUT removal of tubes and ovaries WITH dissection of lymph nodes
- 40 Total/pan/simple hysterectomy WITH removal of tube(s) and ovary(ies) WITHOUT dissection of lymph nodes
- 50 Modified radical/extended hysterectomy (includes uterus, tube(s), ovary(ies), and para-aortic and pelvic lymph nodes, and may include vaginal cuff); radical hysterectomy (includes uterus, tube(s), ovary(ies), vagina, all parametrial and paravaginal tissue, and para-aortic and pelvic lymph nodes); Wertheim's operation
- 60 Hysterectomy, NOS

¹ Effective date January 1, 1991 diagnoses

² Effective date January 1, 1990 diagnoses

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

CERVIX UTERI (cont.)

Code

- 70 Pelvic Exenteration (partial or total)
Anterior exenteration (includes bladder, distal ureters, and genital organs with their ligamentous attachments and pelvic lymph nodes)
Posterior exenteration (includes rectum and rectosigmoid with ligamentous attachments and pelvic lymph nodes)
Total exenteration (includes removal of all pelvic contents and pelvic lymph nodes)
Extended exenteration (includes pelvic blood vessels or bony pelvis)
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

*NOTE: Codes 30, 35 and 40 may include a portion of vaginal cuff.
Ignore incidental removal of appendix.
Ignore omentectomy if it was the only surgery performed in addition to hysterectomy.
Ignore surgical approach, i.e., abdominal or vaginal.
For invasive cancers only, dilatation and curettage is to be coded as an incisional biopsy.
Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.*

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

CORPUS UTERI
C54.0-C54.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Polypectomy; myomectomy (simple excision); simple excision, NOS
- 20 Subtotal hysterectomy; supracervical hysterectomy; fundectomy (cervix left in place WITH/WITHOUT removal of tubes and ovaries)
- 30 Total/pan/simple hysterectomy (includes both corpus and cervix uteri) WITHOUT removal of tubes and ovaries WITHOUT dissection of lymph nodes
- 35¹ Total/pan/simple hysterectomy (includes both corpus and cervix uteri) WITHOUT removal of tubes and ovaries WITH dissection of lymph nodes
- 40 Total/pan/simple hysterectomy WITH removal of tube(s) and ovary(ies) WITHOUT dissection of lymph nodes
- 50 Modified radical/extended hysterectomy (includes uterus, tube(s), ovary(ies), and para-aortic and pelvic lymph nodes, and may include vaginal cuff); radical hysterectomy (includes uterus, tube(s), ovary(ies), vagina, and all parametrial and paravaginal tissue, and para-aortic and pelvic lymph nodes); Wertheim's operation
- 60 Hysterectomy, NOS
- 70 Pelvic Exenteration (partial or total)
 - Anterior exenteration (includes bladder, distal ureters, and genital organs with their ligamentous attachments and pelvic lymph nodes)
 - Posterior exenteration (includes rectum and rectosigmoid with ligamentous attachments and pelvic lymph nodes)
 - Total exenteration (includes removal of all pelvic contents and pelvic lymph nodes)
 - Extended exenteration (includes pelvic blood vessels or bony pelvis)

¹ Effective date January 1, 1990 diagnoses

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

CORPUS UTERI (cont.)

Code

80 Surgery of regional and/or distant site(s)/node(s) ONLY

90 Surgery, NOS

*NOTE: Codes 30, 35 and 40 may include a portion of vaginal cuff.
Ignore incidental removal of appendix.
Ignore omentectomy if it is the only surgery performed in addition to hysterectomy.
Ignore surgical approach, i.e., abdominal or vaginal.
For invasive and in situ cancers, dilatation and curettage is to be coded as an incisional biopsy.
Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.*

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

OVARY
C56.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Subtotal/partial or unilateral (salpingo)-oophorectomy; wedge resection WITHOUT hysterectomy
- 20 Subtotal/partial or unilateral (salpingo)-oophorectomy WITH hysterectomy
- 30 Bilateral (salpingo)-oophorectomy WITHOUT hysterectomy; (salpingo)-oophorectomy, NOS
- 40 Bilateral (salpingo)-oophorectomy WITH hysterectomy
- 50 Omentectomy (partial, total, or NOS) with unilateral or bilateral (salpingo)-oophorectomy, unknown if hysterectomy done
- 51 Omentectomy (partial, total, or NOS) with unilateral or bilateral (salpingo)-oophorectomy, WITHOUT hysterectomy
- 52 Omentectomy (partial, total, or NOS) with unilateral or bilateral (salpingo)-oophorectomy, WITH hysterectomy
- 60 Debulking* of ovarian cancer mass (may include ovarian tissue)
- 70 Pelvic Exenteration (partial or total)
 - Anterior exenteration (includes bladder, distal ureters, and genital organs with their ligamentous attachments and pelvic lymph nodes)
 - Posterior exenteration (includes rectum and rectosigmoid with ligamentous attachments and pelvic lymph nodes)
 - Total exenteration (includes removal of all pelvic contents and pelvic lymph nodes)
 - Extended exenteration (includes pelvic blood vessels or bony pelvis)

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

OVARY (cont.)

Code

80 Surgery of regional and/or distant site(s)/node(s) ONLY

90 Surgery, NOS

* Debulking: Partial removal of cancer to reduce cancer volume to levels that can be handled by the host's immune system and is usually followed by other treatment modalities

NOTE: Ignore incidental removal of appendix.

Codes '10' - '90' have priority over codes '00' - '09.'

Codes '10' - '78' have priority over codes '80' - '90.'

Surgery of primary not included in any category should be coded '90.'

In the range '10' - '78,' the higher code has priority.

Codes '01' - '07' have priority over code '09.'

In the range '01' - '06,' the higher code has priority.

Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'

Codes '01' - '06' have priority over code '07.'

Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

PROSTATE
C61.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Transurethral resection of prostate (TURP); cryoprostatectomy; local surgical excision of lesion WITHOUT lymph node dissection
- 20 Transurethral resection of prostate (TURP); cryoprostatectomy; local surgical excision of lesion WITH lymph node dissection
- 30 Subtotal/simple prostatectomy (segmental resection or enucleation leaving capsule intact) WITHOUT dissection of lymph nodes
- 40 Subtotal/simple prostatectomy (segmental resection or enucleation) WITH dissection of lymph nodes
- 50 Radical/total prostatectomy (excised prostate, ejaculatory ducts (ductus deferens), and seminal vesicles) WITHOUT dissection of lymph nodes
- 60 Radical/total prostatectomy (excised prostate, ejaculatory ducts (ductus deferens), and seminal vesicles) WITH dissection of lymph nodes
- 70 Cystoprostatectomy, radical cystectomy, pelvic exenteration WITH/WITHOUT dissection of lymph nodes
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Prostatectomy, NOS; Surgery, NOS

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

PROSTATE (cont.)

*NOTE: Orchiectomy will be coded as Endocrine (Hormone/Steroid) Therapy.
Ignore surgical approach, i.e., suprapubic, retropubic, or perineal.
Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as
part of the planned first course of therapy.*

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

TESTIS
C62.0-C62.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Local surgical excision or partial resection of testicle
- 20 Excision of testicle WITHOUT cord
- 30 Excision of testicle WITH cord (or cord not mentioned)
- 40 Excision of testicle WITH unilateral lymph node dissection
- 50 Excision of testicle WITH bilateral lymph node dissection, or lymph node dissection, NOS
- 60 Orchiectomy, NOS
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

NOTE: Codes '10' - '59' take priority over codes '60' - '99.'
Codes '10' - '99' take priority over codes '00' - '09.'
In the range '10' - '58,' the higher code has priority.
Codes '01' - '07' take priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Surgery of primary not included in any category should be coded '90.'
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

KIDNEY, RENAL PELVIS, AND URETER

C64.9, C65.9, C66.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Partial/subtotal nephrectomy (includes local excision, wedge resection, and segmental resection);
Partial ureterectomy
- 20 Complete/total/simple nephrectomy – for kidney parenchyma
Nephroureterectomy (includes bladder cuff) – for renal pelvis or ureter
WITHOUT dissection of lymph nodes
- 30 Complete/total/simple nephrectomy – for kidney parenchyma
Nephroureterectomy (includes bladder cuff) – for renal pelvis or ureter
WITH dissection of lymph nodes
- 40 Radical nephrectomy (includes removal of vena cava, adrenal gland(s), Gerota's fascia, perinephric fat, or partial ureter) WITHOUT dissection of lymph nodes
- 50 Radical nephrectomy (includes removal of vena cava, adrenal gland(s), Gerota's fascia, perinephric fat, or partial ureter) WITH dissection of lymph nodes
- 60 Nephrectomy, NOS
Ureterectomy, NOS
- 70 Codes 20-60 PLUS other organs (e.g., bladder, colon)
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

KIDNEY, RENAL PELVIS, AND URETER (cont.)

*NOTE: Ignore incidental removal of rib(s).
Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.*

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

BLADDER
C67.0-C67.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Transurethral resection of bladder (TURB); local destruction (electrocoagulation, fulguration, cryosurgery); excisional biopsy
- 20 Partial/subtotal cystectomy (includes segmental resection) WITHOUT dissection of pelvic lymph nodes
- 30 Partial/subtotal cystectomy (includes segmental resection) WITH dissection of pelvic lymph nodes
- 40 Complete/total/simple cystectomy WITHOUT dissection of lymph nodes
- 50 Complete/total/simple cystectomy WITH dissection of lymph nodes
- 60 Cystectomy, NOS
- 70 Radical cystectomy (in men: removal of bladder, prostate, seminal vesicles, surrounding perivesical tissues and distal ureters; in women: removal of bladder, uterus, ovaries, fallopian tubes, surrounding peritoneum, and sometimes urethra and vaginal wall)
Pelvic Exenteration (partial, total, or extended)
Anterior exenteration (includes bladder, distal ureters, and genital organs with their ligamentous attachments and pelvic lymph nodes)
Posterior exenteration (includes rectum and rectosigmoid with ligamentous attachments and pelvic lymph nodes)
Total exenteration (includes removal of all pelvic contents and pelvic lymph nodes)
Extended exenteration (includes pelvic blood vessels or bony pelvis)
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

BLADDER (cont.)

*NOTE: Ignore partial removal of ureter in coding cystectomy.
Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as
part of the planned first course of therapy.*

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM¹
C70.0-C70.9, C71.0-C71.9, C72.0-C72.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Local tumor destruction
- 20 Subtotal/partial resection/excision of tumor/lesion/mass (including debulking of tumor)
- 30 (Gross) total resection/excision of tumor/lesion/mass (or resection/excision, NOS); removal of tumor, NOS; excisional biopsy
- 40 Partial resection of primary site (part of lobe, meninges, or nerves)
- 50 (Gross) total resection of primary site (lobectomy of brain)
- 60 Radical resection (primary site plus partial or total removal of surrounding organs/tissue)
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

¹ Effective date January 1, 1992 diagnoses

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM¹ (cont.)

C70.0-C70.9, C71.0-C71.9, C72.0-C72.9

NOTE: Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.
If there is a tissue diagnosis and the only surgery is craniotomy, NOS, or laminectomy, NOS, code as a biopsy of primary site ('02').
For spinal cord primaries, ignore laminectomy; code only the surgery done to the spinal cord.

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

THYROID
C73.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Local surgical excision or partial removal of lobe
- 20 Lobectomy WITH/WITHOUT isthmectomy, WITH/WITHOUT dissection of lymph nodes
- 30 Lobectomy, isthmectomy and partial removal of contralateral lobe (near total thyroidectomy) WITH/WITHOUT dissection of lymph nodes
- 40 Total thyroidectomy WITHOUT dissection of lymph nodes
- 50 Total thyroidectomy WITH limited lymph node dissection (nodal sampling or “berry picking”) or lymph node dissection, NOS
- 60 Total thyroidectomy WITH radical/modified lymph node dissection
- 70 Thyroidectomy, NOS
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

THYROID (cont.)

NOTE: Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

LYMPH NODES AND SPLEEN
C42.2, C77.0-C77.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Excision of localized tumor mass
- 20 Splenectomy (partial, total, or NOS)
- 30 Lymph node dissection, one chain
- 31 Lymph node dissection, one chain PLUS splenectomy
- 40 Lymph node dissection, 2+ chains and/or adjacent organ(s)
- 41 Lymph node dissection, 2+ chains and/or adjacent organ(s) PLUS splenectomy
- 50 Lymph node dissection, NOS
- 51 Lymph node dissection, NOS PLUS splenectomy
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

LYMPH NODES AND SPLEEN (cont.)

NOTE: Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

ALL OTHER SITES¹

C15.0-C15.9, C17.0-C17.9, C21.0-C24.9, C26.0-C26.9, C30.0-C31.9, C33.9,
C37.9-C39.9, C42.0-C42.1, C42.3-C42.4, C48.0-C48.8, C51.0-C52.9, C55.9,
C57.0-C57.9, C58.9, C60.0-C60.9, C63.0-C63.9, C68.0-C69.9, C74.0-C76.8, C80.9

No Cancer-Directed Surgery/Unknown

Code

- 00 No surgical procedure
- 01 Incisional, needle, or aspiration biopsy of other than primary site
- 02 Incisional, needle, or aspiration biopsy of primary site
- 03 Exploratory ONLY (no biopsy)
- 04 Bypass surgery, -ostomy ONLY (no biopsy)
- 05 Exploratory ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 06 Bypass surgery, -ostomy ONLY AND incisional, needle or aspiration biopsy of primary site or other sites
- 07 Non-cancer directed surgery, NOS
- 09 Unknown if surgery done

Type of Cancer-Directed Surgery

- 10 Cryosurgery
- 20 Cautery, fulguration, laser surgery WITHOUT pathology specimen
- 30 Laser surgery WITH pathology specimen
- 35 Excisional biopsy; polypectomy; excision of lesion
- 40 Partial/simple removal of primary site WITHOUT dissection of lymph nodes
- 50 Partial/simple removal of primary site WITH dissection of lymph nodes
- 55 Stated as “Debulking” WITH or WITHOUT dissection of lymph nodes
- 60 Radical surgery (partial/total removal of primary site plus partial or total removal of other organs)
- 80 Surgery of regional and/or distant site(s)/node(s) ONLY
- 90 Surgery, NOS

¹ For cases diagnosed prior to January 1, 1992, this scheme is also used for brain and other parts of central nervous system (C70._, C71._, C72._).

APPENDIX D
2-DIGIT SITE-SPECIFIC SURGERY CODES (1983-1997)

ALL OTHER SITES (cont.)

NOTE: Codes '10' - '90' have priority over codes '00' - '09.'
Codes '10' - '78' have priority over codes '80' - '90.'
Surgery of primary not included in any category should be coded '90.'
In the range '10' - '78,' the higher code has priority.
Codes '01' - '07' have priority over code '09.'
In the range '01' - '06,' the higher code has priority.
Codes '01' - '07' and '09' cannot be used in combination with codes '10' - '90.'
Codes '01' - '06' have priority over code '07.'
Second digit is to be coded '8' when reconstructive surgery of the primary site is done as part of the planned first course of therapy.
Tumor excisions involving primary sites such as the mediastinal area or the retroperitoneal space should be coded '35' unless debulking is mentioned. If any organ is removed with the tumor mass, code '60.'

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APPENDIX E

CODING CHANGES OVER TIME

This appendix describing coding changes between 1973 and 1992 is a separate document from the third edition of the SEER Program Code Manual. It may be obtained from the SEER Program at the address on page vii of the Introduction or from the publications area of the SEER Web Site at

WWW-SEER.IMS.NCI.NIH.GOV

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